AD-A121 074 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 67N HELICOPTER REPAIRER REF..(U) DEFENSE LANGUAGE INST LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 29 MAR 78 1/3

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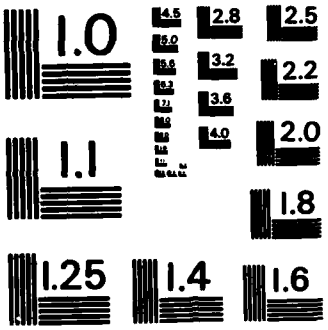

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NATIONAL BUREAU OF STANDARDS-1963-A

JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR MOS 67N
HELICOPTER REPAIRER

REFERENCE SOLDIER'S MANUAL DATED

29 March 1978

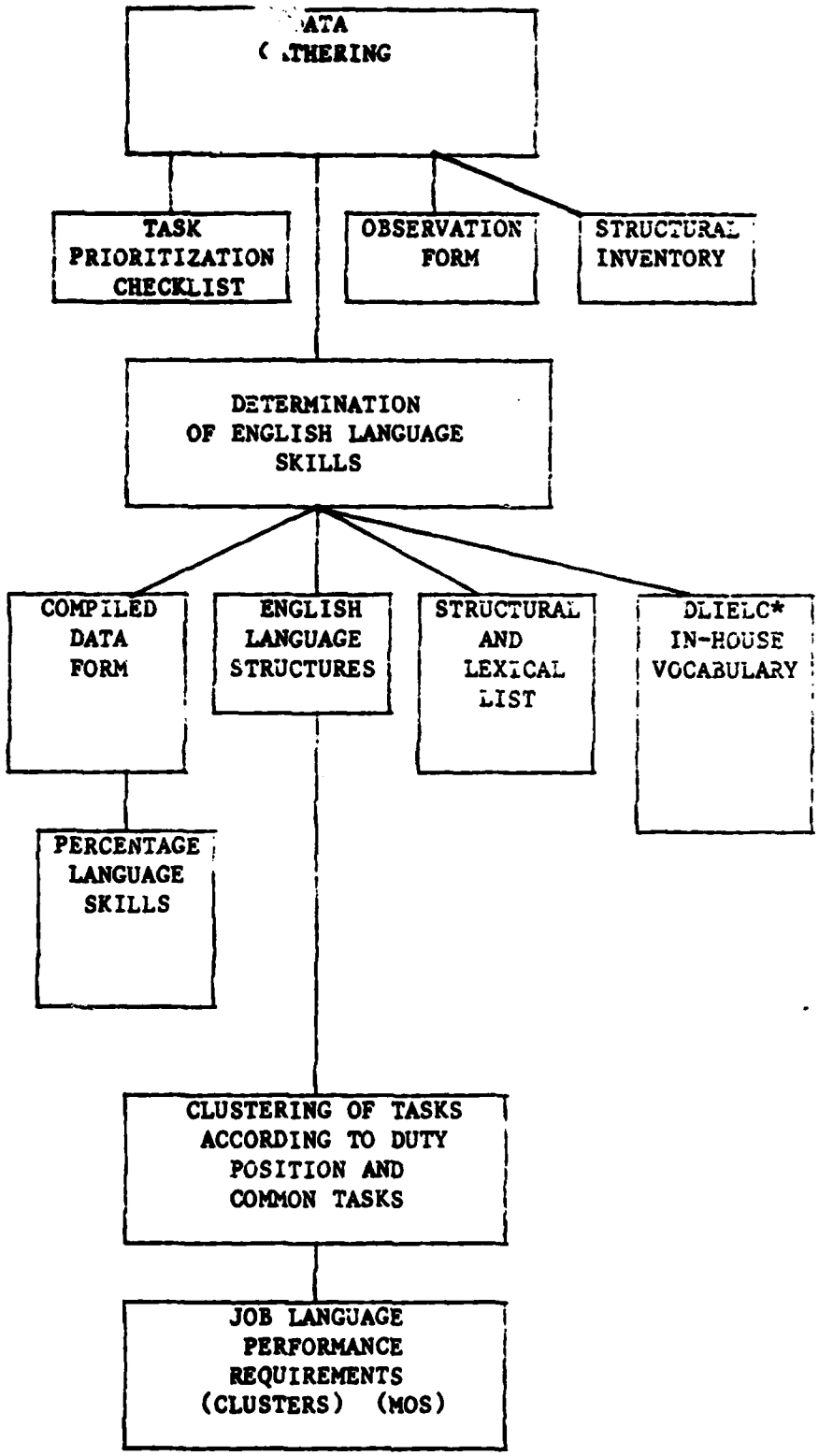

FIGURE 1

*Defense Language Institute English Language Center

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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Job Language Performance Requirements (JLPR)	Task Inventory
Lexical Analysis	Common Tasks
Structural Analysis	Listening
English Language Skills	Speaking
Task Prioritization Checklist	Reading

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified.

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CONTENTS

PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for developmment of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

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Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virgina.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

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SECTION I: DATA GATHERING

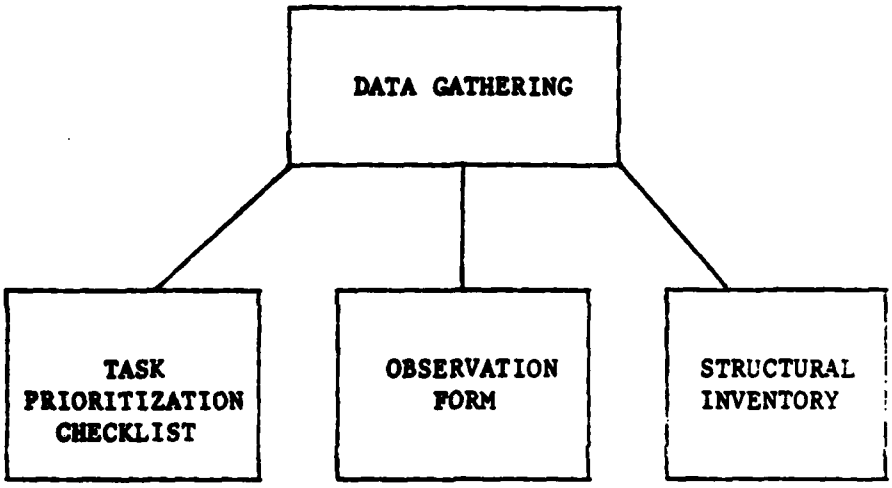

FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?
2. How is the task taught?
3. Is the task tested?
4. How is the task tested?
5. How important are speaking, listening, reading and writing in learning and performing the task?
6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

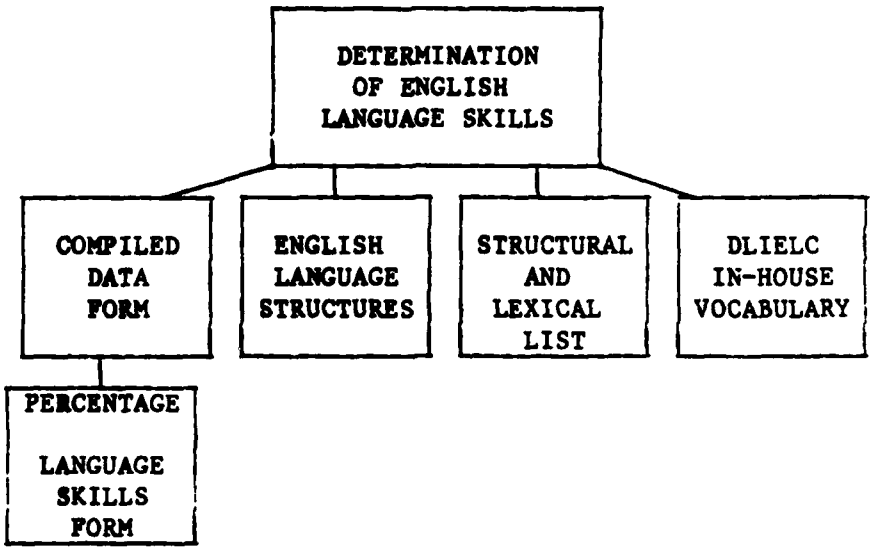

FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching	
demonstration	listening,
lecture	listening, writing
hands on	listening
self-paced	reading, writing

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Methods of Testing performance oral written	listening speaking writing, reading
Rating of English Language Skills listening speaking reading writing	*a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div TxVxR = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening	37%
Speaking	19%
Reading	22%
Writing	18%

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technial Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

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SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.

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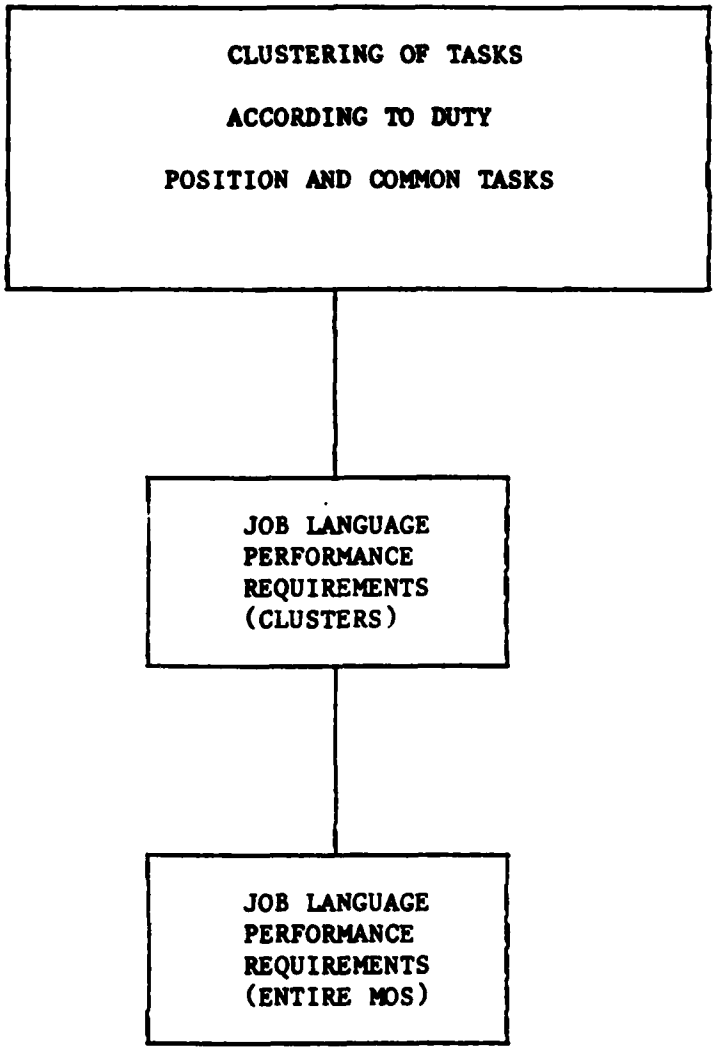
CLUSTERING OF TASKS
ACCORDING TO DUTY
POSITION AND COMMON TASKS
JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(CLUSTERS)
JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(ENTIRE MOS)

FIGURE 4

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SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty position tasks in the Soldier's Manual.

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. LAND NAVIGATION
7. M16A1 RIFLE
8. FLIGHT LINE MAINTENANCE
9. FUSELAGE AND AIRFRAME MAINTENANCE
10. POWERPLANT AND RELATED SYSTEMS MAINTENANCE
11. ROTOR/TRANSMISSION SYSTEMS MAINTENANCE
12. FLIGHT CONTROL SYSTEMS MAINTENANCE
13. UTILITY/HYDRAULIC SYSTEMS MAINTENANCE
14. GENERAL AIRCRAFT MAINTENANCE DUTIES
15. GENERAL MAINTENANCE AND REPAIR SUPERVISORY DUTIES
16. PERFORMANCE OF PHASED MAINTENANCE INSPECTION

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SECTION IV

JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

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SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldiers duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

Produces oral utterances to report/inform/explain/elicit response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldiers job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, fields manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

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Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	8%
Reading	15%
Writing	13%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Listen to respond
CONDITIONS: Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral utterances

TASK: Produce oral utterances to explain
CONDITIONS: Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures and explanations
STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

551-67N-0122	Perform artificial respiration using chest-pressure, arm-lift method
551-67N-0123	Perform artificial respiration using mouth-to-mouth method
551-67N-0124	Stop the bleeding

551-67N-0125	Administer shock control measures to a casualty
551-67N-0126	Apply first aid treatment to burns
551-67N-0127	Apply first aid measures to fractures
551-67N-0128	Apply first aid measures for removing a foreign object from the eye
551-67N-0129	Apply first aid measures to a heat casualty
551-67N-0130	Apply first aid measures to a cold casualty

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NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	40%
Speaking	27%
Reading	27%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to perform
CONDITIONS:	Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given NBC situations requiring oral alarms
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures and notations defined as explanations
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures and notations defined as explanations
STANDARDS:	100% understanding of printed material

III. TASK NUMBERS AND TITLES

551-67N-0001	Give NBC alarms
551-67N-0002	Put on protective mask
551-67N-0003	Post NBC markers

551-67N-0004	Perform self-decontamination and decontamination of equipment and supplies following a chemical attack
551-67N-0005	Perform self-decontamination and decontamination of equipment and supplies following a biological attack
551-67N-0006	Apply first aid to a chemical casualty
551-67N-0007	Inspect and clean the M17 protective mask and carrier
551-67N-0008	Perform mask-to-mouth resuscitation
551-67N-0009	Perform self-decontamination and decontamination of equipment and supplies following a nuclear attack
551-67N-0010	Take protective measures against exposure while crossing a radiologically contaminated area
551-67N-0011	Take defensive actions against a radiological hazard
551-67N-0012	Initiate unmasking procedures
551-67N-0013	Prepare and submit nuclear, biological, chemical (NBC) 1 reports

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening	38%
Speaking	23%
Reading	13%
Writing	14%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances

III. TASK NUMBERS AND TITLES

551-67N-0031	Maintain an appropriate level of physical fitness (male soldiers)
551-67N-0032	Maintain an appropriate level of physical fitness (female soldiers)

BASIC INDIVIDUAL TECHNIQUES

I. PERCENTAGE LANGUAGE SKILLS

Listening	38%
Speaking	11%
Reading	19%
Writing	11%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication

III. TASK NUMBERS AND TITLES

551-67N-0150 Maintain individual clothing and equipment

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

Listening	43%
Speaking	19%
Reading	8%
Writing	13%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances

III. TASK NUMBERS AND TITLES

551-67N-0052 Camouflage yourself and your weapon

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

Listening	41%
Speaking	15%
Reading	22%
Writing	18%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content

III. TASK NUMBERS AND TITLES

551-67N-0093	Determine a magnetic azimuth with a lensatic compass
551-67N-0094	Measure a grid azimuth on a map with a protractor
551-67N-0095	Convert a magnetic azimuth to a grid azimuth
551-67N-0096	Measure ground distance on a map
551-67N-0097	Locate a point on a map using the military grid reference system
551-67N-0098	Orient a map using a compass
551-67N-0099	Determine your location on a map

551-67N-0100	Locate an unknown point on a map by intersection
551-67N-0101	Locate an unknown point on a map by resection
551-67N-0102	Determine elevation (relief) on a map

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	16%
Reading	16%
Writing	13%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, warnings and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-67N-0071	Disassemble and reassemble the M16A1 rifle
551-67N-0072	Inspect, clean, and lubricate the M16A1 rifle
551-67N-0073	Perform battlesight zeroing of the M16A1 rifle

FLIGHT LINE MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	29%
Speaking	15%
Reading	23%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable and legible written content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-67N-1006	Service transmission oil system
551-67N-1007	Service hydraulic reservoir
551-67N-1008	Service tail rotor gearboxes
551-67N-1015	Obtain engine oil sample
551-67N-1016	Obtain transmission oil sample
551-67N-1017	Obtain intermediate gearbox oil sample
551-67N-1020	Service main rotor pillow blocks

551-67N-1021	Service main rotor blade grip reservoirs
551-67N-1022	Service stabilizer bar hydraulic dampers
551-67N-1044	Accomplish procedures for engine cleaning (internally)
551-67N-1701	Fuel the aircraft
551-67N-1702	Fill, drain, and flush aircraft oil system
551-67N-1704	Lubricate aircraft
551-67N-1705	Requisition repair parts and special tools
551-67N-1706	Insure foreign object damage (FOD) control procedures are employed
551-67N-1707	Perform ground auxiliary and support equipment operator maintenance
551-67N-1708	Perform aircraft taxi direction duties
551-67N-1709	Perform precision tool operator maintenance
551-67N-1710	Maintain aircraft special and common tools
551-67N-1711	Prepare DA Form 2402 (Exchange Tag)
551-67N-1712	Prepare DA Form 2404 (Equipment Inspection and Maintenance Worksheet)
551-67N-1713	Prepare DA Form 2407/2407-1 (Maintenance Request)
551-67N-1714	Prepare and make entries on DA Form 2408-12 (Army Aviator's Flight Record)
551-67N-1715	Prepare DA Form 2408-13 (Aircraft Inspection and Maintenance Record)
551-67N-1716	Prepare DA Form 2408-14 (Uncorrected Fault Record)
551-67N-1717	Prepare DA Form 2410 (Component Removal and Repair/ Overhaul Record)
551-67N-1718	Prepare DA Form 2410-1 (Component Removal, Installation, Movement and Condition Record)
551-67N-1719	Prepare DD Forms 1574 and 1574-1 (Serviceable Tag/Label Materiel)
551-67N-1720	Prepare DD Forms 1575 and 1575-1 (Suspended Tag/Label Materiel)
551-67N-1721	Prepare DD Forms 1576 and 1576-1 (Test Modification Tab/ Label Materiel)
551-67N-1722	Prepare DD Forms 1577 and 1577-1 (Unserviceable (Condemned) Tag/Label Materiel)
551-67N-1723	Prepare DD Forms 1577-2 and 1577-3 (Unserviceable (Reparable) Tag/Label Materiel)
551-67N-1724	Prepare DA Form 2407 (Modification Work Order (MWO) Request/Report)
551-67N-1725	Prepare DA Form 2407 (Equipment Improvement Recommendation)
551-67N-1726	Prepare DA Form 2407 (Monthly Maintenance Report)
551-67N-1727	Defuel the aircraft

FUSELAGE AND AIRFRAME MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	28%
Reading	39%
Writing	32%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-67N-1072	Remove and install tail boom assembly
551-67N-1075	Remove/install landing gear
551-67N-2032	Check deflection of landing gear

POWERPLANT AND RELATED SYSTEMS MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	37%
Speaking	18%
Reading	28%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication

TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances

TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions and SOPs
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

551-67N-1096	Remove tripod mount
551-67N-1097	Install tripod mount
551-67N-1100	Remove particle separator
551-67N-1101	Clean particle separator
551-67N-1102	Repair particle separator
551-67N-1103	Inspect particle separator
551-67N-1104	Install particle separator
551-67N-1105	Remove foreign object damage (FOD) screens
551-67N-1107	Install foreign object damage (FOD) screens
551-67N-1108	Remove fuel filter
551-67N-1110	Install fuel filter
551-67N-1113	Remove combustion chamber drain valve
551-67N-1114	Install combustion chamber drain valve
551-67N-1115	Remove fuel inlet strainer
551-67N-1116	Inspect fuel inlet strainer
551-67N-1117	Install fuel inlet strainer
551-67N-1118	Remove fuel pump discharge strainer and servo supply filter
551-67N-1119	Inspect fuel pump discharge strainer and servo supply filter
551-67N-1120	Install fuel pump discharge strainer and servo supply filter
551-67N-1121	Remove power turbine bearing oil strainer

551-67N-1122	Service power turbine bearing oil strainer
551-67N-1123	Inspect power turbine bearing oil strainer
551-67N-1124	Install power turbine bearing oil strainer
551-67N-1125	Remove rear bearing housing oil strainer
551-67N-1126	Service rear bearing housing oil strainer
551-67N-1127	Inspect rear bearing housing oil strainer
551-67N-1128	Install rear bearing housing oil strainer
551-67N-1129	Remove lube oil filter assembly
551-67N-1130	Disassemble lube oil filter assembly
551-67N-1131	Service lube oil filter assembly
551-67N-1132	Assemble lube oil filter assembly
551-67N-1136	Rig engine power lever controls
551-67N-1137	Rig power turbine governor RPM controls
551-67N-2057	Remove fuel pressure transmitter
551-67N-2058	Install fuel pressure transmitter
551-67N-2060	Remove fuel quantity transmitter
551-67N-2061	Install fuel quantity transmitter
551-67N-2062	Remove fuel boost pumps
551-67N-2063	Install fuel boost pumps
551-67N-2064	Remove forward fuel cell
551-67N-2065	Install forward fuel cell
551-67N-2066	Remove aft fuel cell
551-67N-2067	Install aft fuel cell
551-67N-2079	Remove starter generator
551-67N-2080	Install starter generator
551-67N-2089	Remove engine assembly
551-67N-2090	Install engine assembly
551-67N-2233	Remove and install engine oil pressure transmitter
551-67N-2235	Remove and install torque pressure transmitter
551-67N-2268	Preserve engine

ROTOR/TRANSMISSION SYSTEMS MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	37%
Speaking	20%
Reading	27%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and referen
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

551-67N-1164	Remove main drive shaft
551-67N-1165	Install main drive shaft
551-67N-1169	Remove pylon fifth mount
551-67N-1171	Install pylon fifth mount
551-67N-1173	Remove transmission primary oil filter
551-67N-1174	Clean transmission primary oil filter
551-67N-1176	Install transmission primary oil filter
551-67N-1177	Remove transmission external oil filter
551-67N-1180	Install transmission external oil filter
551-67N-1183	Remove main transmission
551-67N-1184	Install main transmission
551-67N-1185	Remove tail rotor drive shaft
551-67N-1187	Install tail rotor drive shaft
551-67N-1188	Remove tail rotor drive shaft hanger assembly
551-67N-1189	Install tail rotor drive shaft hanger assembly
551-67N-1190	Remove intermediate gearbox
551-67N-1191	Clean intermediate gearbox
551-67N-1192	Install intermediate gearbox
551-67N-1193	Correct power train malfunctions
551-67N-1194	Remove main rotor hub and blade assembly
551-67N-1195	Clean main rotor hub and blade assembly

551-67N-1196	Install main rotor hub and blade assembly
551-67N-1197	Remove stabilizer bar assembly
551-67N-1198	Install stabilizer bar assembly
551-67N-1199	Remove mast friction collet assembly
551-67N-1200	Install mast friction collet assembly
551-67N-1205	Remove swashplate and support assembly
551-67N-1206	Install swashplate and support assembly
551-67N-1209	Correct vertical vibrations
551-67N-1210	Correct lateral vibrations
551-67N-1211	Correct tail rotor malfunction
551-67N-1213	Remove stabilizer bar dampers
551-67N-1214	Install stabilizer bar dampers
551-67N-1215	Remove tail rotor gearbox
551-67N-1216	Install tail rotor gearbox
551-67N-2117	Remove transmission oil cooler
551-67N-2119	Inspect transmission oil cooler
551-67N-2120	Install transmission oil cooler
551-67N-2121	Inspect main rotor mast (installed)
551-67N-2122	Remove main rotor blade from hub
551-67N-2123	Install main rotor blade on hub
551-67N-2124	Replace main rotor pillow block reservoirs
551-67N-2125	Replace main rotor blade grip reservoirs
551-67N-2126	Remove main rotor mast
551-67N-2127	Install main rotor mast
551-67N-2237	Remove and install transmission oil pressure transmitter

FLIGHT CONTROL SYSTEMS MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	20%
Reading	23%
Writing	17%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-67N-1236	Remove synchronized elevators
551-67N-1237	Install synchronized elevators
551-67N-1238	Rig synchronized elevator controls
551-67N-1239	Rig tail rotor control system
551-67N-2151	Remove/install tail rotor gradient
551-67N-2152	Remove tail rotor control cables
551-67N-2153	Inspect tail rotor control cables
551-67N-2154	Install tail rotor control cables
551-67N-2155	Replace tail rotor quadrant
551-67N-2156	Remove tail rotor control quill assembly
551-67N-2157	Inspect/clean tail rotor control quill assembly
551-67N-2158	Install tail rotor control quill assembly
551-67N-2159	Rig collective control system

551-67N-2160	Adjust pilot's collective control stick friction
551-67N-2161	Rig cyclic control system
551-67N-2164	Remove/install tail rotor magnetic brake

UTILITY/HYDRAULIC SYSTEMS MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	20%
Reading	24%
Writing	18%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

551-67N-1264	Perform operational check on hydraulic system (ground)
551-67N-1265	Install hydraulic fittings
551-67N-1266	Install hydraulic hoses
551-67N-1267	Install hydraulic tubes
551-67N-1268	Remove hydraulic pump
551-67N-1269	Install hydraulic pump
551-67N-1272	Correct hydraulic system malfunctions
551-67N-2185	Remove/install hydraulic reservoir
551-67N-2186	Remove/install collective accumulator
551-67N-2187	Remove/install cyclic accumulator
551-67N-2188	Remove collective control hydraulic cylinder
551-67N-2189	Install collective control hydraulic cylinder
551-67N-2193	Remove tail rotor hydraulic cylinder
551-67N-2194	Install tail rotor hydraulic cylinder
551-67N-2199	Inspect cyclic and collective servo actuator support mount bearing
551-67N-2200	Remove irreversible valve
551-67N-2201	Install irreversible valve
551-67N-2204	Replace servocontrol valves

GENERAL AIRCRAFT MAINTENANCE DUTIES

I. PERCENTAGE LANGUAGE SKILLS

Listening	28%
Speaking	18%
Reading	19%
Writing	18%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication

TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given the requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances

TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

551-67N-1295	Perform phased maintenance inspection
551-67N-2271	Maintain preservation during flyable storage
551-67N-2290	Depreserve aircraft after flyable storage
551-67N-2296	Remove corrosion by chemical methods

GENERAL MAINTENANCE AND REPAIR SUPERVISORY DUTIES

I. PERCENTAGE LANGUAGE SKILLS

Listening	34%
Speaking	21%
Reading	24%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication

TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances

TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

551-67N-1326	Rig manual cargo hook release
551-67N-2341	Prepare DA Forms 2408-5, -16, and -17

PERFORMANCE OF PHASED MAINTENANCE INSPECTION

I. PERCENTAGE LANGUAGE SKILLS

Listening	35%
Speaking	19%
Reading	24%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

551-67N-1347	Perform internal inspection of engine oil filter assembly
551-67N-1348	Remove tail rotor assembly
551-67N-1349	Install tail rotor assembly
551-67N-2236	Perform operational check on transmitter oil pressure indicating system
551-67N-2242	Perform operational check on external power system
551-67N-2244	Perform operational check on starter system
551-67N-2246	Perform operational check on fuel valve system
551-67N-2248	Perform operational check on governor control system
551-67N-2253	Perform operational check on battery system
551-67N-2256	Perform operational check on interior light system
551-67N-2258	Perform operation check on navigation light system
551-67N-2263	Perform operational check on landing light and searchlight

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

LISTENING

TASK: Understand oral language intended to inform or instruct.

CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5 & 6)

STANDARDS: 100% understanding and assimilation of presented oral language task.

The following are specific conditions found in this language task:
Warnings
Described situations
Directions
Lectures
Commands, Orders
Sound tracks (films, tapes)
Standard/Non-standard English
Instructions
SQT questions

TASK: Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit responses.

CONDITIONS: Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

STANDARDS: 100% understanding and assimilation of oral language in order to apply and respond.

The following are specific conditions found in this language task:
Shouting
Radio communications
Coded messages
Spellings
Conversation
Requests

SPEAKING

TASK: Formulate and produce appropriate oral responses spontaneously.

CONDITIONS: Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation. (Appendices 5 & 6)

STANDARDS: 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:
Explanations
Statements
Repetitions
Counting
Corrections
Assignments
Notifications
Oral reports
Answers
Clarifications
Information

TASK: Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.

CONDITIONS: Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.

STANDARDS: 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:
Requesting information
Requesting permission
Transmitting messages
Call signs
Vocal signals
Shout warnings
Radio communications
Target locations
Directions (N,S,E,W)
Directions, general
Requests for fire
Report on the results of fire
Challenges/Passwords
Training sessions
Interaction

READING

TASK: Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.

CONDITIONS: Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation. (Appendices 4, 5 & 6)

STANDARDS: 100% understanding of printed content.

The following are specific conditions found in this language task:
Captions with illustrations.

Lists
Procedures
Information
Definitions
Outlines
Signs
Markers
References
Rules
Maps
Flags
Military Documents
I.D. Papers
Regulations
Extracts
Columns
Indices
Charts
Methods
Technical Vocabulary
Standard Operating Procedures
Cartoons
Problems
Manuals
Graphic Training Aids

TASK: Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.

CONDITIONS: Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation. (Appendices 4, 5 & 6)

STANDARDS: 100% understanding of written content.

The following are specific conditions found in this language task:
Lists
Information
Descriptions
Radiation readings off dosimeter
Coordinate scales
Callsigns-suffices
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages

WRITING

TASK: Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.

CONDITIONS: Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.

STANDARDS: 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:
Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

TASK: Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.

CONDITIONS: Given standardized forms or paper and oral communication.

STANDARDS: 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:
Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards
Applicable DA forms

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the Department of the Army in 1980.

(PRESENTLY WORKING IN)

MOS IN WHICH YOU WERE TRAINED:_____

POSITION:_____

UNIT:_____

2= med

3= high

IS TASK TAUGHT?		OF:				TAUGHT				IS TASK TESTED?		TESTED?			RESULTS DANGER	
YES	NO	LISTENING*	SPEAKING*	READING*	WRITING*	LECTURE	SELF-PACED	DEMONSTRATION	HANDS-ON	YES	NO	WRITTEN	ORAL	PERFORMANCE	PERSON	EQUIPMENT

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

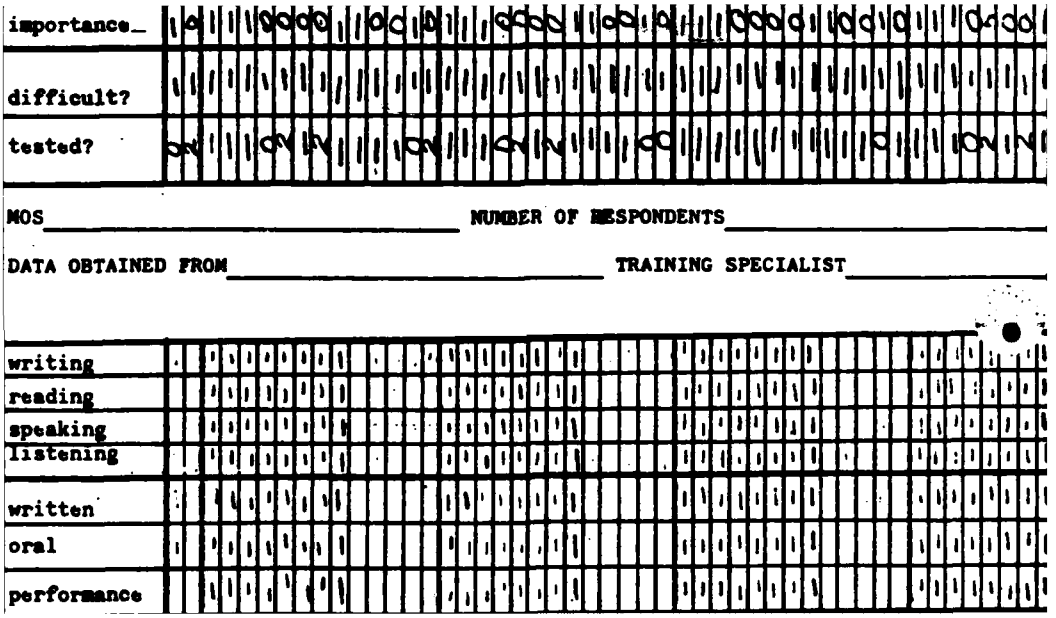
This form was used to record data from the Task Prioritization Checklist.

PAGE 1 OF 39

MOS 67N NUMBER OF RESPONDENTS 13

DATA OBTAINED FROM FT EUSTIS, GERMANY TRAINING SPECIALIST

| | | |


importance
difficult?
tested?
MOS
NUMBER OF RESPONDENTS
DATA OBTAINED FROM
TRAINING SPECIALIST
writing
reading
speaking
listening
written
oral
performance

PAGE 3 OF 57

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	
self-paced	
hands-on	

PAGE 5 OF 57

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

RATING OF ELS	writing	
	reading	
	speaking	
	listening	
METHODS OF TESTING	written	
	oral	
	performance	
METHODS OF TEACHING	self-paced	
	hands-on	
	demonstration	
	lecture	
CRITICALITY	danger to person or	
	equipment	
	importance	
UNIT	difficult?	
	tested?	

MOS NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

RATING OF ELS	writing	
	reading	
	speaking	
	listening	
METHODS OF TESTING	written	
	oral	
	performance	
METHODS OF TEACHING	self-paced	
	hands-on	
	demonstration	
	lecture	
CRITICALITY	danger to person or	
	equipment	
	importance	
AIT	difficulty?	
	tested?	
	taught?	
TASK NUMBER		SSI-67J-0008 / SSI-67J-0009 / SSI-67J-0010

NSC

equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	
self-paced	
hands-on	
demonstration	

PAGE 7 OF 37

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	
self-paced	
hands-on	
demonstration	
lecture	

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

| | | |

PAGE 11 OF 59

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 12 OF 59

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

| | | |

danger to person or equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	

PAGE 15 OF 59

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

Danger to person or equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	

PAGE 17 OF 51

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 18 OF 57

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 19 OF 57

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 21 OF 51

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 22 OF 59

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

danger to person or equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	

importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	
self-paced	
hands-on	
demonstration	

PAGE 25 OF 51

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ *TRAINING SPECIALIST* _____

writing	
reading	
speaking	
listening	
written	

PAGE 27 OF 57

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

danger to person or equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	

lecture	
danger to person or	
equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	
self-paced	
hands-on	

PAGE 30 OF 51

MOS 67L NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 31 OF 57

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

danger to person or equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	
self-paced	
hands-on	
demonstration	
lecture	
danger to person or	

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 34 OF 51

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

danger to person or equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	
self-paced	
hands-on	

| | | |

PAGE 37 OF 51

MOS 62N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

danger to person or equipment	
importance	
difficult?	
tested?	

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing	
reading	
speaking	
listening	
written	
oral	
performance	

| | | |

PAGE 40 OF 55

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 41 OF 51

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 4/2 OF 52

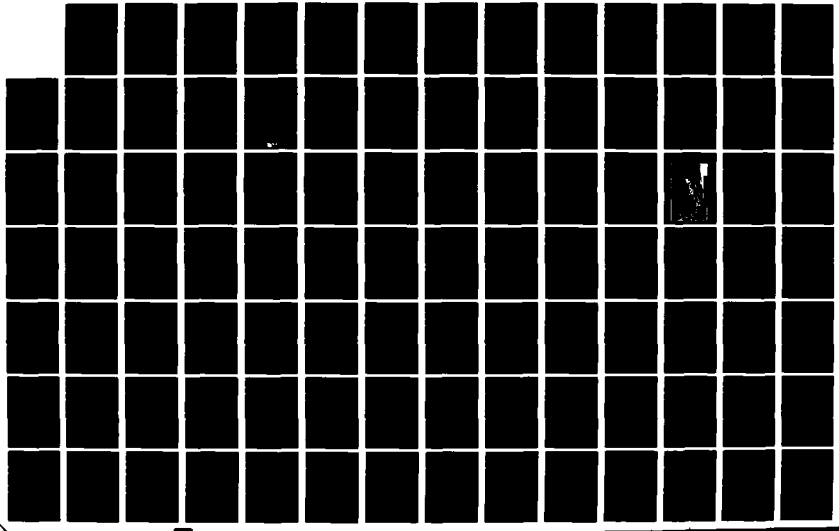
MOS 67N NUMBER OF RESPONDENTS

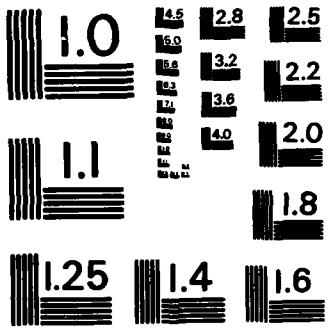
DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

AD-A121 074 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 67N HELICOPTER REPAIRER REF..(U) DEFENSE LANGUAGE INST LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 29 MAR 78 2/3

UNCLASSIFIED F/G 5/9 NL





MICROCOPY RESOLUTION TEST CHART

NATIONAL BUREAU OF STANDARDS-1963-A

PAGE 4 OF 6

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 44 OF 51

MOS 671 NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 4 OF 5

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 46 OF 55

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 47 OF 51

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 42 OF 57

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 49 OF 55

MOS 671 NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 50 OF 51

MOS 671 NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 51 OF 51

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

difficult?

tested?

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

writing

reading

speaking

listening

written

oral

PAGE 52 OF 71

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 54 OF 57

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 55 OF 55

MOS 671 NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 56 OF 57

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 57 OF

MOS 67N NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 58 OF 57

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

| | | |

PAGE 57 OF 61

MOS 67J NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

RATING OF ELS	writing	
	reading	
	speaking	
	listening	
METHODS OF TESTING	written	
	oral	
	performance	
METHODS OF TEACHING	self-paced	
	hands-on	
	demonstration	
	lecture	
CRITICALITY	danger to person or	
	equipment	
	importance	
UNIT	difficult?	
	tested?	

MOS NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

RATING OF ELS	writing	
	reading	
	speaking	
	listening	
METHODS OF TESTING	written	
	oral	
	performance	
METHODS OF TEACHING	self-paced	
	hands-on	
	demonstration	
	lecture	
CRITICALITY	danger to person or	
	equipment	
	importance	
AIT	difficulty?	
	tested?	
	taught?	

TASK NUMBER

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

112

TR = total number of responses to variables in the cluster
T = number of tasks in the luster
V = variabl
R = maximum ber of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 67N

FORM A	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test -rating (scale
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
FIRST AID 551-67N-0122 THRU 551-67N-0130	9x5x10=450 34 24 28 16 40 142 .316 450/142.000	9x2x10=180 4 11 15 .083 180/15.000	9x3x10=270 1 13 27 41 .152 270/41.000	9x4x10=360 24 1 13 8 46 .128 360/46.000
	32%	8%	15%	13%
NBC 551-67N-0001 THRU 551-67N-0013	13x5x14=910 78 51 68 65 103 365 .401 910/365.000	13x2x14=364 45 53 98 .269 364/98.000	13x3x14=546 17 52 77 146 .267 546/146.000	13x4x14=728 51 17 52 35 155 .21 728/155.000
	40%	27%	27%	21%
INDIVIDUAL FITNESS 551-67N-0031 551-67N-0032	2x5x14=140 9 6 10 15 13 53 .379 140/53.000	2x2x14=56 5 8 13 .232 56/13.000	2x3x14=84 4 2 5 11 .131 84/11.000	2x4x14=112 6 4 2 4 16 .143 112/16.000
	38%	23%	13%	14%

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 67N

FORMULA	LISTENING	SPEAKING	READING	
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lectur -self-p -writte -ratin
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 10
BASIC INDIVIDUAL TECHNIQUES 551-67N-0150	1X5X9= 45 3 2 4 3 5 17 .378 45/17.000	1X2X9=18 0 2 2 .111 18/2.000	1X3X9=27 0 0 5 5 .185 27/5.000	1X4 2 0 0 2 4 3.
	38%	11%	19%	
CAMOUFLAGE 551-67N-0052	1X5X8=40 3 3 3 4 4 17 .425 40/17.000	1X2X8=16 1 2 3 .188 16/3.000	1X3X8=24 0 0 2 2 .083 24/2.000	1X4 3 0 0 1 4 32/
	43%	19%	8%	
LAND NAVIGATION 551-67N-0093 THRU 551-67N-0102	10X5X9= 450 30 29 42 37 47 186 .413 450/186.000	10X2X9=180 17 10 27 .150 180/27.000	10X3X9=270 7 10 43 60 .222 270/60.000	10X 2 7 10 19 6 36
	41%	15%	22%	

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TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 67N

FORM. A	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (tes -rating (scal
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
M16A1 RIFLE 551-67N-0071 THRU 551-67N-0073	3x5x14 = 210 17 12 22 19 22 92 .438 210 / 92.000	3x2x14 = 84 3 10 13 .155 84 / 13.000	3x3x14 = 126 6 1 13 20 .159 126 / 20.000	3x4x14 = 168 12 6 1 3 22 .131 168 / 22.000
	44%	16%	16%	13%
FLIGHT LINE MAINTENANCE	36x5x19 = 3420 181 116 283 122 285 987 .289 3420 / 987.000	36x2x19 = 1368 14 194 208 .152 1368 / 208.000	36x3x19 = 2052 27 118 317 462 .225 2052 / 462.000	36x4x19 = 273 116 27 118 253 514 .1 2736 / 514.00
	29%	15%	23%	19%
FUSELAGE AND AIRFRAME MAINTENANCE 551-67N-1072 551-67N-1075 551-67N-2032	3x5x16 = 240 21 12 32 24 32 121 .504 240 / 121.000	3x2x16 = 96 3 24 27 .281 96 / 27.000	3x3x16 = 144 3 18 35 56 .389 144 / 56.000	3x4x16 = 192 12 3 18 28 61 .31 192 / 61.000
	50%	28%	39%	32%

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 67N

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test -rating (scale
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
POWER PLANT AND RELATED SYSTEMS MAINTENANCE	50X5X15= 3750 246 88 368 334 352 1388 .370 3750 ⟌1388.000	50X2X15= 1500 36 231 267 .178 1500 ⟌267.000	50X3X15=2250 23 197 401 631 .280 2250 ⟌631.000	50X4X15=3000 88 23 197 275 583 3000 ⟌58.
	37%	18%	28%	19%
ROTOR/TRANSMISSION SYSTEMS MAINTENANCE	46X5X20=4600 297 122 442 419 440 1720 .374 4600 ⟌1720.000	46X2X20=1840 85 280 365 .198 1840 ⟌365.000	46X3X20=2760 42 250 457 749 .271 2760 ⟌749.000	46X4X20=36 122 42 250 285 699 3680 ⟌699.00
	37%	20%	27%	19%
FLIGHT CONTROL SYSTEMS MAINTENANCE	16X5X19=1520 68 41 128 127 122 486 .320 1520 ⟌486.000	16X2X19=608 23 98 121 .199 608 ⟌121.000	16X3X19=912 6 68 137 211 .231 912 ⟌211.000	16X4X19=121 41 6 68 97 212 1216 ⟌212.00
	32%	20%	23%	17%
				116

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 67N

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR ÷ (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (tes -rating (scal
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
UTILITY/HYDRAULIC SYSTEMS MAINTENANCE	18X5X16= 1440 74 35 128 116 112 465 1440 ⟌465.000 .323	18X2X16= 576 21 92 113 576 ⟌113.000 .196	18X3X16= 864 7 71 129 207 864 ⟌207.000 .240	18X4X16= 11 35 7 71 89 202 1152 ⟌202.
	32%	20%	24%	18%
GENERAL AIRCRAFT MAINTENANCE DUTIES 551-67N-1295 551-67N-2271 551-67N-2290 551-67N-2296	4X5X18= 360 14 15 24 22 26 101 360 ⟌101.000 .281	4X2X18= 144 8 18 26 144 ⟌26.000 .181	4X3X18= 216 3 14 25 42 216 ⟌42.000 .194	4X4X18= 288 15 3 14 19 51 288 ⟌51.000 .17
	28%	18%	19%	18%
GENERAL MAINTENANCE AND REPAIR SUPERVISORY DUTIES 551-67N-1326 551-67N-2341	2X5X11= 110 5 5 8 9 10 37 110 ⟌37.000 .336	2X2X11= 44 1 8 9 44 ⟌9.000 .205	2X3X11= 66 1 5 10 16 66 ⟌16.000 .242	2X4X11=88 5 1 5 7 18 88 ⟌18.000 .20
	34%	21%	24%	21%

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 67N

FORM A	LISTENING	SPEAKING	READING	WRIT
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (tes -rating (scal
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
PERFORMANCE OF PHASED MAINTENANCE INSPECTION	12x5x14 = 840 41 33 80 70 72 296 .352 840 / 296.000	12x2x14 = 336 14 51 65 .193 336 / 65.000	12x3x14 = 504 2 37 82 121 .24 504 / 121.000	12x4x14 = 67 33 2 37 54 126 672 / 126.
	35%	19%	24%	19%

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

MOS_____ PERSON RECORDING_____ LOCATION (UNIT/AIT_____

SUBJECT_____ * TASK NUMBER IF KNOWN_____

Physical Environment of Instruction

A. Classroom
B. Open Areas (live firefield- mark-up terrain)
C. Large enclosed area (bleacher sites)
(Warehouse size)
D. Other
Comments:

Styles of Communication

Instructor, Verbal orders

A. Formal Speech
B. Informal Speech
C. Regional/Ethnic
D. Body Language
E. Profanity
F. Shop talk/slang
G. Non-standard English
I. Other
Comments:

Media of Instruction

A. Films
B. Video cassettes
C. Graphic Training Aids (diagrams, etc....)
D. Illustrations (requiring reading/not requiring reading)
E. Maps
F. Mock-ups
G. Models/Aimulate
H. Real equipment
I. Transparencies
J. Tape cassettes
K. Training Publications (required/available)
L. Signs/Notices
M. P.A. System
N. Normal Voice
O. Soldier's Manual
P. Chalkboard
Q. Other
Comments:

Mode of Response

A. Manipulating a piece of equipment/device
B. Answers (spoken - written)
C. Signals
D. Performance
E. Taking Notes
F. Teamwork
G. Other
Comments:

Instructional Ratio

A. Instructor;one-to-one/class
B. Peer/one-to-one
C. Group or Committee Group (group of instructors of whom one teaches one portion of the whole)
- Small (12 or less)
- Large (more than 12)
D. Other
E. Questions
Comments:

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of structural and lexical items for this MOS.
(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

1. Subject and action verb
   Firer aims.

2. Subject and action verb and direct/indirect object
   Many things cause burns.

3. Subject and linking verb and subjective complement
   This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

   Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

   Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

   A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

   At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

SENTENCE TYPES

1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted)
But what about the other 15 meters?
Ask, "What is there?"

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

6. FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

Training must be conducted <u>so that</u> at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. CONTRAST

<u>Although</u> natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

3. COMPARISON

Place suitable material under him as well as over him if necessary.

4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.
Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"
"waste material"
"burning residue"
"semi-fixed ammunition"
"extracting/loading ammunition"
"firing hammer"
"four life-saving steps"
"chest/heart massage"
"tourniquet material"
"field material"
"field condition"
"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE

   AVAILABLE

2. COMPARATIVES
   Threat main tanks are smaller than the US main battle tanks.

3. SUPERLATIVES
   The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

1. INDEFINITE
   Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

2. POSSESSIVE
   Shake his shoulder and shout, "Are you OK.?".

3. SUBJECTIVE
   This will give you correct nomenclature.

4. OBJECTIVE
   It will also give you the correct functioning.

5. REFLEXIVE
   Keep yourself clear of the muzzle.

VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.
--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.
--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.
--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.
--Have someone walk the FDL and determine dead space.
--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected, third person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize	appear	has
protect	seek	must be
is facing	secure	wipe
remove	wear	rinse
explode	mask	put brush
sounds	stored	empty
points out	do require	reassemble
seen	could affect	reinstall

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passive

given	are alerted	are authorized
is protected	are reported	be corrected
is sprayed	have been corrected	

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice
"can be determined"
modal+negative+passive
"must not be eliminated"

4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should no: be"

5. AUXILLIARIES

(do, does, negative)
Do not zero in under 100 meters.
If the round does not fall within 5 meters of target, zeroing procedures are called for.

GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

ADVERBS +

1. SUPERLATIVE
   When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE
   The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY
   Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4. OTHER
   Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE
   The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB
(particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between TRADOC and DLIELC was reached that DLIELC In-House Vocabulary would not be produced for this MOS.

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APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

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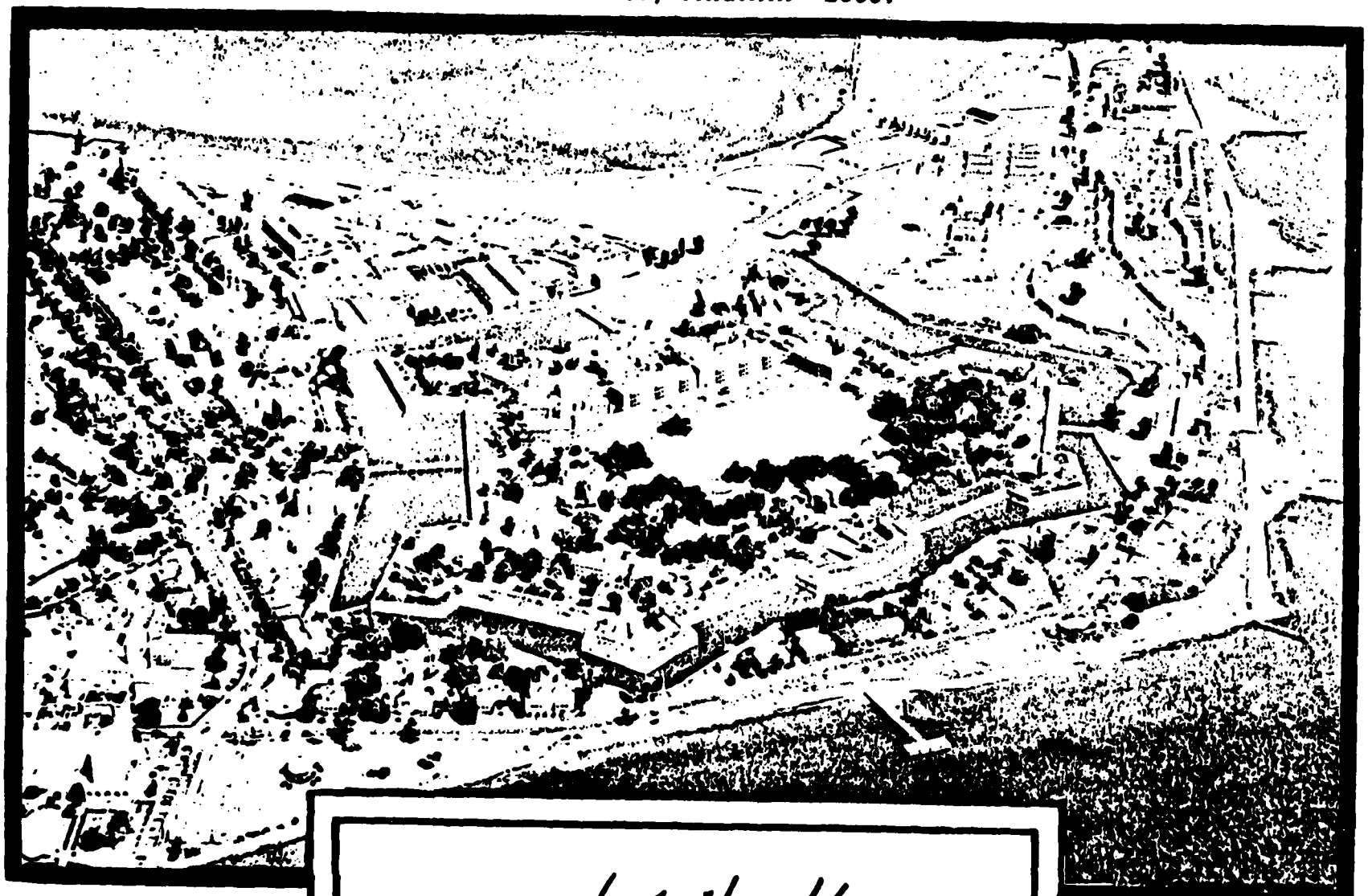
HEADQUARTERS

UNITED STATES A..M. TRAINING AND DO..TR..E COMMAND

FORT MONROE, VIRGINIA 23651

Job No/Proj No



67N-1/2

13 Incl 19

TDP FORM 109-1 Feb 80 ...laces ATDS 118-1, Feb 75, ...h is obsolete

PREPARED BY: OPERATI ● DIV, DPFO

COPY ____ of ____ C S

WORD FREQUENCY DISTRIBUTION 3,[illegible] QUE ITEMS [illegible] RECORD

67N

1	ATLR
1	FAR
1	MIST
1	PUT
1	LTREC
8	*
2	*D
1	*
1	*.
1	*AVAILABLE
1	*THE
1	*A
1	*USE
1	LEVELS
52[illegible]	A
2	A-1
1	A-2
1	A-3
1	A-4
1	A-5
4	ABDEEN
1	ABDOMINAL
5	ABILITY
26	ABLE
8	ABOUT
21	ABOVE
1	ABRASIONS
6	ABSENCE
1	ACADEMY
1	ACCEPT*
1	ACCEPTABLE
39	ACCESS
3	ACCESSORIES
1	ACCIDENT
9	ACCOMPLISH
43	ACCOMPLISHED
[illegible]	ACCOMPLISHES
227	ACCOMPLISHING
1	ACCOMPLISHMENT
[illegible]3	ACCORDANCE
[illegible]	ACCOUNT
1	ACCUMULATION
[illegible]3	ACCUMULATOR
6	ACCURACY

133

5	ACCURATE
1	ACCURATELY
2	ACHIEVE
1	ACHIEVED
1	ACID
1	ACIDS
1	ACROSS
1	ACT
11	ACTION
8	ACTIONS
3	ACTIVE
2	ACTIVITIES
13	ACTIVITY
1	ACTS
4	ACTUAL
7	ACTUATE
1	ACTUATING
12	ACTUATOR
19	ADAPTER
2	ADAPTERS
1	ADAPTOR
6	ADD
1	ADDING
3	ADDITION
10	ADDITIONAL
1	ADDITIONALLY
2	ADEQUATE
6	ADHESIVE
1	ADJUSTABLE
3	ADJACENT
45	ADJUST
12	ADJUSTABLE
2	ADJUSTED
2	ADJUSTING
12	ADJUSTMENT
11	ADJUSTMENTS
6	ADMINISTER
2	ADMINISTRATIVE
1	ADVANCE
[illegible]	ADVANCED
2	ADVANCEMENT
3	ADVANTAGE
1	ADVERSE
2	AERODYNAMICAL
4	AFFECTED

[illegible]	AFTER
[illegible]	AIT
32	AITER
4	AGAIN
19	AGAINST
[illegible]	[illegible]
1	AGE
1	AGENCY
20	AGENT
7	AGENTS
1	AGITATE
1	AGITATING
1	AGRIT
2	AHEAD
28	AID
37	AIR
1	AIR_DRY
171	AIRCRAFT
7	AIRCRAFTS
6	AIRFRAME
2	AIRTIGHT
5	AIRLAN
6	AIRPR
5	AIRPTS
1	ALEPT
4	ALERTS
7	ALFA
15	ALIGE
4	ALIKED
6	ALIKEMENT
2	ALIPHATIC
161	ALL
7	ALLEN
1	ALLEVABLE
1	ALLEVANCES
2	ALLOWING
9	ALLOY
2	ALMOST
2	ALONG
4	ALPHAEY
78	ALSO
2	ALTERNATE
1	ALTERNATELY
11	ALUMINUM
3	ALUMG
2	ALUMINITION

1	APPLG
2	APPLIT
1	APPLITS
3	APPLLS
1	APS
1	APVL
69	AR
5	ARALYSIS
5	ARALYZE
2	ARCHOR
2	ARCHORED
1,613	ARD
1	ARD-15
5	ARD.TF
3	ARGLE
1	ARICTATE
1	ARIALLY
6	ARCTHLR
1	ARSHER
2	ARTENNA
1	ARTIDRIVE
2	ARTISEIZE
29	ARY
1	AR2(0-416
1	ARAPT
2	ARET
1	ARLICABLE
2	ARD
1	ARP
4	ARPEAR
1	ARPEARANCE
2	ARPEARS
7	ARPENDIX
58	ARPLICABLE
1	APPLICATION
15	ARPLIED
49	ARPLY
2	ARPLYING
67	ARPROPRIATE
44	ARPROVED
1	ARPROVING
1	APPROXIMATE
10	ARPROXIMATELY
1	ARRIR
1	ARTITUDE

1	ALL
1	ARTIATE
24	AP
1	ARBITRARILY
1	ARBITRARY
225	ARE
54	AREA
18	AREAS
35	ARM
5	ARM-LIFT
1	ARMPITS
8	ARMS
46	ARMY
1	ARMY'S
25	AROUND
2	ARRANGED
1	ARRIVAL
2	ARRIVED
1	ARTERY
12	ARTIFICIAL
3	ARTILLERY
129	AS
1	ASISTANCE
1	ASPECTS
1	ASSEMBL
8	ASSEMBLE
1	ASSEMBLED
13	ASSEMBLIES
179	ASSEMBLY
3	ASSESSMENT
12	ASSIGNED
2	ASSIGNMENT
33	ASSIGNMENTS
22	ASSISTANCE
1	ASSOCIATING
1	ASSOCIATION
1	ASSUME
1	ASSUMPTION
14	ASSEMBLY
116	AT
2	ATROPINE
1	ATSU-TO-ITO
26	ATTACH
5	ATTACHED
33	ATTACHING

6	ATTACHMENT
29	ATTACK
1	ATTACKS
1	ATTAIN
4	ATTEMPT
1	ATTEND
1	ATTENDED
2	ATTENTION
3	ATTITUDE
1	ATTI
8	AUTHORITY
2	AUTHORIZED
2	AUTO
1	AUTOMATIC
1	AUTOMOBILE
1	AUTOVOX/COMMERCIAL
2	AUXILIARY
5	AUXILLARY
19	AVAILABLE
8	AVIATION
1	AVIATOR
4	AVIATORS
1	AVIONICS
2	AVOID
2	AWARD
8	AWAY
1	AXIS
1	AZIMATH
34	AZIMUTH
2	AZIMUTHS
86	B
2	B-1
1	B-2
1	B-3
1	B-4
1	B-5
1	B-6
1	B-7
27	BACK
1	BACKGROUND
2	BACKYARD
1	BAFFLE
2	BAFFLES
5	BAG
2	BALANCE

[illegible]	BALANCES
[illegible]	BALL
1	BALLPOINT
1	BALTIMORE
4	BANDAGE
4	BANDAGES
1	BANG
33	BAR
3	BARE
4	BARREL
2	BARRIER
1	BARS
3	BASE
5	BASED
15	BASIC
2	BASIS
3	BATH
2	BATT
[illegible]	BATTALION
2	BATTERED
1	BATTERIES
3[illegible]	BATTERY
[illegible]	BATTLESIGHT
546	BE
2	BEACON
2	BEAM
63	BEARING
4	BEARINGS
4	BECOME
2	BECOMES
1	BECOMING
12	BED
10	BEFORE
1	BEHIND
9	BEING
1	BELL
4	BELLCRANK
16	BELLCRANK
8	BELLMOUTH
[illegible]	BELLOWS
95	BELOW
1	BELTS
1	BENCH
2	BEND
1	BENDERS

13

1	BEFLING
2	BELLS
1	BENT
2	BENT-LEG
3	BEST
39	BETWEEN
1	BEVEL
1	BEVELED
1	BICARBONATE
6	BIG
6	BILLING
17	BIOLOGICAL
2	BLACK
65	BLADE
15	BLADES
10	BLANK
2	BLANKET
3	BLAST
3	BLAST/BANG
3	BLEED
12	BLEEDING
2	BLIND
1	BLINDLESS
1	BLISTER
2	BLISTERING
134	BLOCK
1	BLOCK-BY-BLOCK
1	BLOCKER
17	BLOCKS
3	BLOID
1	BLOO
5	BLOO
2	BLOWER
1	BLOWING
1	BLUE
1	BLUE-WHITE
2	BLUED
1	BLUES
24	BLUIES
27	BLUR
1	BOIL
2	BOILING
55	BOLT
4	BOLTHEAD
5	BOLTHEADS

1	BELLPELLE
1	BELLPELLES
79	BELLS
2	BELTED
2	BELLF
1	BELTS
3	BELT
1	BELTS
29	BELOW
17	BELOST
15	BELOT
2	BELOS
2	BELSE
2	BELSS
22	BELTH
11	BELTLE
30	BELTOU
2	BELTERING
1	BELTCES
1	BELLEYARD
4	BEY
14	BEACE
22	BEACHET
4	BEACKETS
16	BEAKE
12	BEAND
7	BEEAK
9	BEEAKAWAY
12	BEEAKER
1	BEEAKERS
2	BEEAKS
5	BEEATH
5	BEEATHE
1	BEEATHER
6	BEEATHING
4	BEEATIS
2	BEEITY
1	BEELGADE
41	BEELGE
1	BEEFF
1	BEETFLY
1	BEETGALE
4	BEETGES
1	BEETGETHER
1	BEETGHEESS

6	BUFFER
1	BUFFER.
2	BUT
22	BRUSH
1	BRUSHES
2	BUBBLES
5	BUCKET
2	BUCKETS
2	BUCKER
1	BUILD
1	BUILT
2	BULGES
2	BULKHEAD
1	BULLSEYE
2	BULLET
3	BULLETIN
2	BULLETINS
9	BURN
4	BURNS
1	BURNED
2	BURRS
12	BURST
5	BUS
1	BUSHING
11	BUT
3	BUTT
1	BUTTONS
118	BY
2	BY--
3	BYPASS
67	C
1	C-RATION
3	CABIN
23	CABLE
1	CABLE.S
31	CABLES
1	CAGE
2	CALCULATED
1	CALIBRATE
1	CALIBRATED
1	CALL
1	CALLED
1	CALM
5	CAN
2	CANOPY

1	CARPETLAGE
1	CARPETLAGING
30	CAR
1	CANADIAN
1	CANCEL
2	CANCEL
6	CANCEL
2	CANS
5	CANTEEN
2	CANTEENS
2	CANVAS
63	CAP
1	CAPABILITY
5	CAPPED
9	CAPS
1	CAPSULE
1	CASTLE
7	CASTLE
1	CARPETER
2	CARES
4	CARE
4	CAREER
1	CAREFUL
10	CAREFULLY
3	CARGO
24	CARRIER
10	CASE
2	CASES
1	CASUALTIES
51	CASUALTY
22	CASUALTY-S
1	CATALOG
5	CATCH
2	CATEGORIES
9	CAUSE
1	CAUSTICS
6	CAUTION
4	CAUTIONS
34	CAVITY
7	CBR
1	CBRE
92	CELL
6	CELLS
3	CENTER
22	CENTER

6	CENTERED
2	CENTERLINE
1	CENTIMETERS
2	CERTAIN
2	CERTIFICATION
9	CERTIFYING
3	CHAFFING
10	CHAIN
19	CHAMBER
2	CHAMFERED
23	CHARGE
1	CHARGED
9	CHARGES
1	CHAR
376	CHAPTER
16	CHAPTERS
2	CHARACTERISTICS
1	CHARCOAL
1	CHARGE
1	CHARGED
3	CHARGING
3	CHARLIE
2	CHARRING
4	CHART
1	CHARTS
124	CHECK
3	CHECKED
2	CHECKING
5	CHECKLIST
4	CHECKS
1	CHEEK
51	CHEMICAL
1	CHEMICAL-AGENT
2	CHEMICALBIOLOGICAL
7	CHEST
2	CHEST-PRESSURE
3	CHESTPRESSURE
3	CHIEF
4	CHIN
2	CHIN-UP
8	CHIP
5	CHIPS
1	CHLORIDE-SOLUTION
1	CHOICE
1	CHOKING

1	CHILD
1	CILIATE
2	CHRIPIC-ACID
2	CHICK
1	CIRCLE
1	CIRCLED
14	CIRCUIT
1	CIRCULARS
1	CIRCUMSTANCES
24	CLAMP
1	CLAMPING
9	CLAMPS
78	CLEAR
7	CLEARED
2	CLEARER
22	CLEARING
2	CLEARLINESS
1	CLEARSED
16	CLEAR
6	CLEARANCE
3	CLEARED
2	CLEARS
12	CLERKS
2	CLICKS
1	CLIMATE
1	CLINCH
5	CLIP
10	CLIPS
4	CLOCKWISE
1	CLOGGED
2	CLOGGING
21	CLOSE
7	CLOSED
2	CLOSED-CIRCUIT
1	CLOSEDCIRCUIT
2	CLOSES
1	CLOSEST
1	CLOSING
19	CLOTH
27	CLOTHING
5	CLOUD
9	CLOW
1	CLOWED
1	CLP
21	CLUE

3	CODES
8	COIL
1	COINCEST
2	COLLAPSE
59	COLLECTIVE
15	COLLECT
3	COLLEGE
2	COLLERED
1	COLLERS
13	COLLIDE
1	COLLIMIS
8	COMBAT
1	COMBAT-READY
1	COMBUSTIBLE
15	COMBUSTION
1	COME
1	COMES
2	COMFORD
2	COMFORDWIT
9	COMFORTER
2	COMFORTERS
2	COMFORTERS
1	COMFORTSURATE
1	COMFORT
2	COMFORTS
1	COMMERCIAL
17	COMMOD
1	COMMOD/SPECIAL
13	COMMON
1	COMMONS
1	COMPARING
1	COMPARTMENT
20	COMPASS
1	COMPENSATOR
1	COMPETE
54	COMPLETE
21	COMPLETED
5	COMPLETELY
2	COMPLETENESS
2	COMPLETING
3	COMPLETION
2	COMPLEXITY
23	COMPONENT
11	COMPONENT'S
38	COMPONENTS

1	COMPELLED
1	COMPETITOUS
5	COMPRESS
7	COMPRESSED
8	COMPRESSION
1	COMPRISED
3	COMPLAINT
1	CONCENTRATION
1	CONCERNED
1	CONCERNATION
5	CONCERNED
1	CONCITIONS
67	CONDITION
2	CONDITIONER
1	CONDITIONI
423	CONDITIONS
1	CONDITIONS
3	CONDITIONS
1	CONDUCTED
1	CONDUCTING
1	CONE
7	CONES
1	CONFIGURATION
1	CONFINED
1	CONJITIONS
74	CONNECT
12	CONNECTED
2	CONNECTING
2	CONNECTION
3	CONNECTIONS
8	CONNECTOR
3	CONSCIOUS
1	CONSIDERABLE
1	CONSIDERATIONS
2	CONSIDERED
1	CONSISTING
4	CONSISTS
1	CONSOLE
4	CONSTANT
1	CONSTANTLY
1	CONSTRAINTS
2	CONSULT
4	CONTACT
5	CONTAIN
10	CONTAINED

18	CONTAINER
2	CONTAINERS
1	CONTAINING
4	CONTAMINANTS
14	CONTAMINATED
13	CONTAMINATION
4	CONTENTS
1	CONTINUATION
8	CONTROL
1	CONTROLING
4	CONTROLS
16	CONTROL
1	CONTROLS
1	CONTRACTION
221	CONTROL
2	CONTROLLING
13	CONTROLS
11	CONVERT
1	CONVERTING
6	COOL
1	COOLANT
27	COOLER
7	COORDINATE
4	COORDINATES
9	COPROLITES
1	COPY
1	CORE
2	CORE
5	CORIER
1	CORIERS
34	CORRECT
4	CORRECTED
6	CORRECTIVE
2	CORRECTLY
1	CORRECTNESS
3	CORRESPOND
1	CORRESPONDENCE
2	CORRESPONDING
2	CORRODED
15	CORROSION
1	CORROSION-AFFECTED
3	CORROSION-PREVENTIVE
20	COTTER
2	COUPLD
5	COUNT

1	CLOCKWISE
1	CLOCKWISE
1	CLOCKWISE
2	CLOTHING
22	CLOTHING
8	CLOTHINGS
4	COURSE
2	COURSES
84	COVER
7	COVERED
8	COVERS
7	COVERING
1	CRACKED
13	CRACKS
3	CRACKS
2	CRAMPS
1	CRANER
1	CRAWAT
1	CRAWL
1	CREATE
7	CREEPER
3	CREI
2	CRITERIA
3	CRITICAL
2	CRITICALITY
6	CROSS
2	CROSS-TUBE
1	CROSSED
1	CROSSES
4	CROSSHEAD
4	CROSSING
7	CROSSOVER
1	CROSSTHREADED
2	CRUSH
1	CRUSHED
4	CUMULATIVE
1	CUP
1	CURLED
12	CURRENT
1	CUR FC
1	CUR FC-LINE
1	CUR FCLINE
14	CUT
1	CUT-OUT
4	CUTS

1	CUTTING
2	CYCLE
19	CYCLIC
42	CYLINDER
9	CYLINDERS
53	D
150	DA
3	DAILY
88	DAMAGE
8	DAMAGED
1	DAMP
11	DAMPER
13	DAMPERS
1	DARK
1	DARKEI
22	DATA
17	DATE
3	DAYLIGHT
4	DAYS
2	DC
30	DE
2	DEBRIS
1	DEC
7	DECI
2	DECLINATION
5	DECONTAMINATE
1	DECONTAMINATING
13	DECONTAMINATION
1	DECR
6	DEEL
1	DEEPFROSTBITE
4	DEFECTIVE
9	DEFENSE
2	DEFLECTIVE
5	DEFICIENCIES
1	DEFICIENCY
1	DEFINITELY
4	DEFLECTION
1	DEFLEGATION
11	DEFLEI
2	DEFLECTED
10	DEFLECTING
1	DEGREE
4	DEGREES
2	DELAY

1	DELIVERY
1	DELTA
1	DEMONSTRATE
1	DEMONSTRATED
1	DENSE
1	DENTS
1	DENTURES
1	DEPARTMENT
1	DEPENDED
3	DEPENDING
1	DEPICTED
2	DEPLT
3	DEPRESSURE
1	DEPRESSURED
1	DEPRESS
2	DEPRESSION
1	DEPTH
3	DESCRIBE
4	DESCRIBED
1	DESCRIBES
1	DESCRIBING
6	DESCRIPTION
1	DESIGN
4	DESIGNATED
1	DESIGNATES
5	DESIGNATION
4	DESIGNATOR
1	DESIGNATORS
4	DESIGNED
1	DESIRE
5	DESIRED
14	DETACH
1	DETACHED
7	DETAIL
1	DETAILED
1	DETECT
1	DETECTABLE
12	DETECTOR
1	DETERMINE
1	DETERMINT
2	DETERIORATION
1	DETERIORATION
34	DETERMINE
12	DETERMINED
1	DETERMINES

1	DETERMINING
1	DEVELOP
2	DEVELOPED
1	DEVELOPING
2	DEVELOPMENT
2	DEVICES
2	DIAGNOSED
2	DIAGRAM
2	DIAL
3	DIAMETER
1	DIFFERENCE
2	DIFFERENCES
7	DIFFERENT
1	DIFFICULT
2	DIFFICULTY
3	DIFFUSER
1	DIGITAL
5	DIGITS
3	DIM
1	DIM-BRIGHT
1	DIMENSIONAL
2	DIMINISHED
3	DINNER
6	DIRECT
1	DIRECTED
9	DIRECTION
1	DIRECTION--UP
2	DIRECTIVE
2	DIRECTLY
14	DIRT
12	DISASSEMBLE
2	DISASSEMBLED
1	DISASSEMBLY
5	DISCARD
10	DISCHARGE
1	DISCOLORATION
86	DISCONNECT
8	DISCONNECTED
1	DISCUSS
4	DISINCAGE
1	DISINFECT
1	DISKS
1	DISPERSED
2	DISPOSE
1	DISPOSED

1	DISPOSITION
1	DISPUTE
1	DISSOLVED
15	DISTANCE
4	DISTANCES
1	DISTANT
1	DISTINCTIVE
1	DISTORTION
1	DISTRIBUTE
1	DISTRIBUTED
3	DISTRIBUTION
1	DISTURBED
1	DIVIDE
4	DIVISION
34	DO
1	DOCTRINAL
1	DOG
3	DOGGE
7	DOES
4	DOT
2	DOLL
4	DOLLA
5	DOLLA
5	DOLLARS
2	DOLSE
2	DOUBLED
1	DOUBT
1	DOUBTL
22	DOWN
1	DOWNRANGE
2	DOWNWARD
15	DRAG
48	DRAIN
4	DRAINAGE
1	DRAINING
1	DRAINS
6	DRAW
7	DRESSING
2	DRESSINGS
1	DRIED
1	DRILL
2	DRILLING
1	DRILL
66	DRILLE
1	DRILLER

3	DPCP
11	DPS
17	DPSCLEANING
2	DS
6	DS2
4	DUCT
1	DUCTING
1	DUCTS
6	DUE
1	DUE/DOWERAGE
20	DURING
13	DUST
15	DUTIES
1	DUTIES----------
36	DUTY
1	DYE
3	DYNAMIC
45	E
3	E-1
1	E-3
9	E-4
6	E-5
6	E-6
4	E-7
3	E-8
1	E-8·S
1	E-9
52	EACH
2	EARTH
1	EASE
1	EASIER
1	EAST
1	EASTERN
1	ECHO
4	EDGE
2	EDGES
5	EFR
2	EFR·S
5	EFFECTS
1	EIGHT
4	EIGHT
2	EIGHT-DIGIT
4	EIR
12	EITHER
3	ELBOW

1	ELECTRIC
1	ELECTRICAL
1	ELECTRICALLY
18	ELEMENT
11	ELEMENTS
2	ELEVATE
19	ELEVATION
28	ELEVATOR
7	ELEVATORS
5	ELIGIBLE
4	ELIMINATED
1	ELIMINATION
1	ELEF
6	EMERGENCY
1	EMPLOY
9	EMPLOYED
2	EMPTY
1	ENCODED
1	ENCOURAGED
50	END
2	ENDS
1	ENERGY
1	ENERGIZE
1	ENERGIZED
2	ENGAGE
3	ENGAGED
1	ENGAGING
1	ENGINEERED
115	ENGINE
2	ENGINES
6	ENLISTED
1	ENMESHED
5	ENOUGH
1	ENOUGH
102	ENTER
12	ENTERED
1	ENTERING
2	ENTIRE
3	ENTIRELY
2	ENTITIES
2	ENTRY
2	ENVELOPE
2	ENVIRONMENT
2	ENVIRONMENTAL
4	EQUAL

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1	ERECT
1	ERGSTER
1	ERRONEOUSLY
4	ERROR
1	ESPECIALLY
1	ESS-PLS
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2	ESTIMATE
2	ESTIMATES
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1	ET
7	ETC
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5	EVALUATION
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11	EVENLY
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1	EXCITING
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1	EXERTION
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1	EXHALE

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1	EXISTENCE
1	EXIST
1	EXIT
2	EXPECTED
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1	EXPELLED
1	EXPERIENCE
1	EXPERT
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2	EXTENDED
1	EXTENDS
12	EXTENSION
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2	EXTINGUISHER
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1	EXTREMELY
1	EXTREMITIES
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1	EYEBALL
5	EYEBOLT
2	EYELASHES
2	EYELID
2	EYEPIECE
1	EYEPIECES
11	EYES
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7	FACE
1	FACE-COVER
8	FACEPIECE
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1	FACILITIES
5	FACILITY
7	FACTOR

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1	FAITHFULS
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5	FAULTS
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2	FEATURES
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1	FEET
1	FEEL
1	FEELS
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1	FEET--PLACE
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1	FEMININE
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44	FIELD
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5	FINAL
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2	FINGER
1	FINGER-TIGHT
1	FINGERS

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2	FIRM
48	FIRST
1	FIRST-AID
6	FISTS
9	FIT
16	FITNESS
1	FITS
1	FITTED
28	FITTING
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1	FIVE-DIGIT
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11	FIXTURE
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1	FLAP
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11	FLASH
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1	FLASHLIGHTS
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32	FORMS
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1	GS
6	GUARD
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4	GUIDANCE
6	GUIDANCE
6	GUIDE
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37	HAT
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2	HAZARDS
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36	HEAD
3	HEADGEAR
5	HEADING
1	HEADQUARTERS
3	HEADS
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1	HEARTBEAT
11	HEAT

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2	HIGHEST
1	HIGHLY
2	HILL
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3	HINGED
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26	HOSES
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1	INCH-POUND

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4	INCLUDING
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3	JACKSHAFT
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4	JAW
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2	JET
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3	JIGS
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1	JOINTED
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1	JUMPER
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1	JUTTING-OUT
6	K
6	KEEP
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1	KNEAD
1	KNEE
1	KNEEL
3	KNIFE

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2	KARA
2	KARA
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2	LUBRICATING

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1	MAGNESIUM
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67	NECESSARY
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1	NOTING
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2	NOW
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3	ONE-FOURTH
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2	ONE-THIRD
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23	ONLY
9	ONTO
4	OR
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12	OTHERINGS
2	OTHERWISE

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2	PINT
4	PIPE
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2	PISTON
22	PITCH
2	PIVOT
1	PIVOTED
1	PIVOTS
88	PLACE
3	PLACED
4	PLACING
1	PLAIN
2	PLANETARY
1	PLANNING
2	PLASTIC
1	PLASTILUBE
34	PLATE
5	PLATES
2	PLATFORM
1	PLAY
2	PLIERS
5	PLOT
1	PLOTTED
24	PLUG
1	PLUGS
2	PLUGS
3	PLUMB
2	PLUMBING
1	PLUNGER
1	PLUS
4	PLS
3	PL
1	PLUMBAULIC
2	POCKET
1	POCKETS
67	POINT
1	POINTED
3	POINTING

	PLITS
	(PCL
1	POLARITY
1	POLICE
1	POLICED
1	POLICIES
2	POLISHING
1	POLS
7	POLT
1	POLTABLE
7	POLTICA *
2	POLTICS
10	POLIS
141	POSITION
1	POSITIONED
9	POSITIONING
14	POSITIONS
7	POSITIVE
12	POSSIBLE
6	POST
1	POSTAGE-PAID
1	POSTERS
1	POSTING
2	POTENTIAL
27	POUNDS
1	POUR
1	POURING
1	POWDER
65	POWER
3	POWERPLANT
1	PRACTICAL
3	PRACTICE
1	PREADDRESSED
2	PRECAUTIONS
6	PREFERENCE
1	PREFERING
4	PREFIXION
1	PREFIXES
3	PREFERRED
2	PREFIXED
3	PREPARATION
62	PREPARE
7	PREPARED
1	PREPARING
1	PRESCRIBE

5	PRESCRIBED
1	PRESENCE
7	PRESENT
2	PRESERVATION
2	PRESERVE
3	PRESERVED
2	PRESS
1	PRESSED
65	PRESSURE
1	PRESSURE-SENSITIVE
2	PRESSURES
11	PRE-TEST
3	PRESUMPTIVE
2	PRETESTS
14	PRIMARY
2	PRIMER
1	PRINCIPLE
2	PRINTED
17	PRIOR
4	PRIORITY
4	PROBABLE
24	PROBE
2	PROBES
9	PROCEDURE
44	PROCEDURES
5	PROCESS
1	PRODUCING
1	PROFESSIONAL
5	PROFICIENCY
1	PROFICIENT
6	PROGRAM
7	PROGRESS
1	PROGRESSION
1	PROGUE
2	PROJECTED
13	PROPULSION
1	PROLE
1	PROL
25	PROPER
12	PROPERLY
4	PROTECT
1	PROTECTION
27	PROTECTIVE
12	PROTECTOR
1	PROUFI

	PERMITTED
6	PET
1	PSYCHOLOGICAL
8	PUBLICATION
1	PUBLICATIONS
2	PUBLISHED
16	PULL
1	PULLED
3	PULLEYS
4	PULLING
57	PUMP
7	PUMPS
2	PUPILS
1	PURCHED
3	PURPOSE
4	PUSH
1	PUSH-PULL
2	PUSHES
9	PUT
13	PUTTING
1	QUARTISUM
1	QUARTZ
1	QUAKE
14	QUALIFIANT
3	QUALIFICATION
15	QUALIFIED
1	QUALIFY
3	QUALITY
26	QUANTITY
1	QUARTZ
3	QUARTS
1	QUESTIONABLE
4	QUESTIONS
1	QUICK
1	QUICKLY
29	QUIL
5	R
8	RADIOLOGICAL
4	RADIOLOGICALLY
2	RAG
3	RAGS
1	RAIL
1	RAIN
2	RAISE

3	RARE
1	RARES
1	RARY
4	RAPID
3	RAPIDLY
1	RATCHET
5	RATE
4	RATED
1	RATES
1	RATHITE
4	REACH
2	REACHED
13	REAL
1	REALLY
1	REALNESS
9	REALIZE
1	REALLY
25	REAR
8	REASON
2	REASONS
6	REASSEMBLE
1	REASSURE
2	RECEIPT
3	RECEIVE
4	RECEIVED
8	RECEIVER
1	RECEIVING
2	RECEPTACLE
1	RECESS
4	RECHECK
2	RECLASSIFICATION
4	RECOGNIZE
1	RECOGNIZING
2	RECOMMEND
5	RECOMMENDATION
2	RECOMMENDATIONS
3	RECOMMENDED
4	RECORDED
41	RECORD
2	RECORDED
3	RECORDS
1	RECORDING
11	RED
10	REDUCE
1	REDUCED

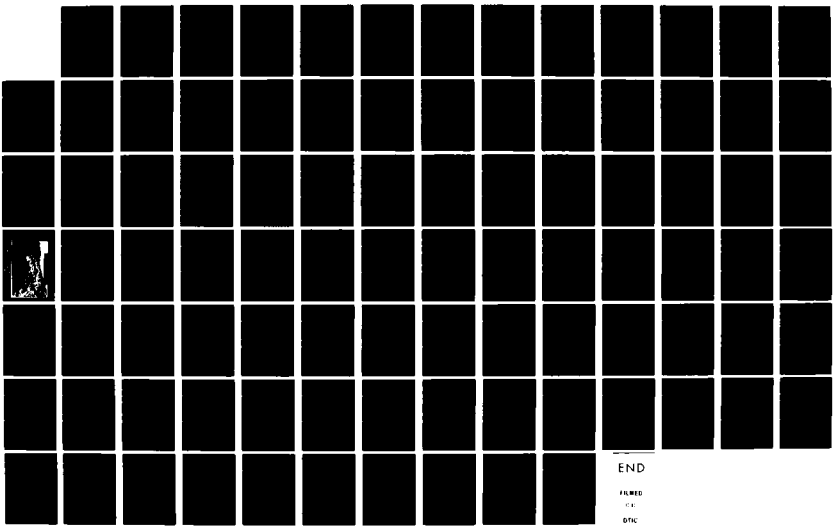
1	REFLIST
1	REFSTABLISH
3	REFIR
68	REFERENCE
178	REFERENCES
2	REFERRING
3	REFILL
2	REFLECT
1	REFRAIN
2	REFRESHER
7	REFUEL
5	REFUELING
3	REGULATIONS
1	REHEARSAL
1	REINSPECTED
17	REINSTALL
1	RELATE
3	RELATED
2	RELATIONSHIP
1	RELAX
6	RELAY
12	RELEASE
1	RELEASED
2	RELEASING
6	RELIEF
1	RELIEVE
5	RELIEVED
5	REMAIN
2	REMAINDER
2	REMAINING
1	REMARKS
5	REMARKS
2	REMASH
2	REMEMBER
26	REMOVAL
417	REMOVE
13	REMOVE/INSTALL
82	REMOVED
1	REMOVED/INSTALLED
19	REMOVING
16	REPAIR
2	REPAIR/
2	REPAIR/OVERHAUL
2	REPAIRED
7	REPAIRER

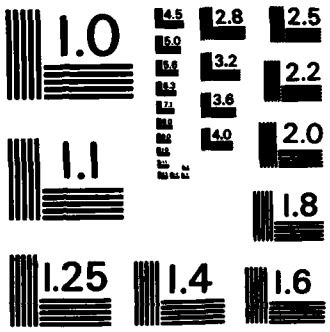
7	REPAIRABLE
15	REPEAT
2	REPEATED
2	REPEATEDLY
3	REPEATING
19	REPLACE
8	REPLACED
2	REPLACEMENT
1	REPLACING
32	REPORT
2	REPORTABLE
1	REPORTED
1	REPORTING
1	REPORTING
11	REPORTS
1	REPORTTHE
1	REPRESENTATIVES
1	REPRESENTIVE
12	REQUEST
1	REQUEST--CONTINUATION
4	REQUEST/REPORT
6	REQUIRE
122	REQUIRED
5	REQUIREMENTS
1	REQUIRES
4	REQUIRING
5	REQUISITION
1	REQUISITIONED
1	RESEAL
4	RESECTION
4	RESERVE
40	RESERVOIR
17	RESERVOIRS
1	RESIDENT
1	RESISTANCE
1	RESLET
1	RESPECTIVE
11	RESPIRATION
5	RESPONSIBILITY
2	RESPONSIBLE
1	RESTING
2	RESTORING
2	RESTRICT
1	RESTS
1	RESULT

	RESUMES
	RESUSCITATION
2	RETAIN
12	RETAINER
4	RETAINERS
34	RETAINING
1	RETAKE
1	RETIREMENT
2	RETORCLE
2	RETRACT
3	RETRACTS*
11	RETURN
3	RETURNS
1	REVEALED
1	REVERSE
1	REVERSING
4	REVIEW
2	REWORKING
3	RHEOSTAT
1	RIBS
27	RIFLE
29	RIG
18	RIGGING
26	RIGHT
3	RIGHT-HAND
1	RIGHTANGLED
1	RIGID
1	RIGS
19	RING
1	RINGS
8	RINSE
1	RINSED
1	RINSING
2	RIOT
1	RIPS
3	RISE
1	RISES
10	RIVET
1	RIVETS
6	ROAD
1	ROCK
1	ROCKS
33	ROD
5	RODS
4	ROLL

1	RELIEF
6	RELIED
2	RELIES
1	RELIT
2	RELY
7	ROTATE
2	ROTATED
1	ROTATES
2	ROTATING
2	ROTATION
198	ROTOR
3	ROTOR/TRANSMISSION
1	RUTCHLESS
1	ROUTD
3	ROUTDS
1	RUTES
11	RHI
19	RU
3	RUB
8	RUBBER
1	RULER
12	RUN
2	RUNNING
1	RUNNY
6	RUNUP
1	S BEAMS
5	S SI
39	S
1	SADDLE
3	SAFE
4	SAFELY
7	SAFETIED
7	SAFETIES
44	SAFETY
1	SAFETYING
1	SALE
1	SALEDI
2	SALT
1	SALTWATER
14	SAME
35	SAMPLE
1	SAMPLING
9	SAND
1	SANDBAGGING
2	SANDBAKER

AD-A121 074 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 67N 3/3
HELICOPTER REPAIRER REF..(U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 29 MAR 78
UNCLASSIFIED F/G 5/9 NL





MICROCOPY RESOLUTION TEST CHART

NATIONAL BUREAU OF STANDARDS-1963-A

1	SATISFACTORILY
1	SATISFACTORY
1	SATISFIED
1	SAVE
25	SCALE
1	SCHEDULE
5	SCHOOL
1	SCHEDULS
1	SCISSOR
5	SCISSORS
14	SCORE
5	SCRATCHES
9	SCREEN
15	SCREENS
13	SCREW
1	SCREWDRIVER
1	SCREWHEAD
19	SCREWS
2	SCRUB
1	SCUPPER
14	SEAL
2	SEALANT
2	SEALED
2	SEALING
4	SEALS
1	SEARCH
11	SEARCHLIGHT
1	SEASON
7	SEAT
3	SEATED
2	SEATING
8	SECOND
4	SECONDARY
6	SECONDS
32	SECTION
2	SECTIONS
36	SECURE
2	SECURED
1	SECURELY
1	SECURES
6	SECURING
1	SECURING
4	SECURITY
1	SEDIMENT
14	SEE

1	SEEK
6	SELECT
3	SELECTED
1	SELECTING
7	SELECTOR
1	SELF-CLOSING
9	SELF-DECONTAMINATION
1	SELF-LOCKING
4	SELF-PURGING
1	SELF-STUDY
1	SEMIAUTOMATIC
1	SENDING
4	SENSOR
1	SENIOR-IN-CHARGE
1	SENSITIVE
1	SEPS
3	SEPARATE
1	SEPARATION
37	SEPARATOR
8	SEPARATORS
10	SEQUENCE
2	SEQUENCED
1	SEQUENCES
2	SERGEANT
2	SERGEANTS
18	SERIAL
7	SERIES
1	SERIOUS
5	SERRATED
1	SERRATION
3	SERRATIONS
1	SERVES
45	SERVICE
7	SERVICEABILITY
11	SERVICEABLE
4	SERVICED
4	SERVICES
3	SERVICING
29	SERVO
9	SERVOCONTROL
1	SERVOS
22	SET
12	SETS
1	SETTLED
3	SEVERAL

1	SEVERE
1	SEVERELY
1	SEVERITY
2	SHACKLE
1	SHADE
1	SHADED
1	SHADOWS
1	SHADY
87	SHAFT
2	SHAFTS
2	SHAKE
1	SHALL
1	SHANK
1	SHAPE
2	SHARP
2	SHEAR
6	SHEET
1	SHEETS
1	SHELF
3	SHELL
2	SHELTERED
2	SHIELD
2	SHIELDING
1	SHIFT
3	SHIP
1	SHIPPED
13	SHIPS
1	SHIPMENT
11	SHOCK
2	SHOCKS
17	SHOP
6	SHORT
1	SHORTCOMING
1	SHOSTER
3	SHOT
24	SHOULD
2	SHOULDER
1	SHOULDERS
3	SHUT
3	SICK
4	SIDEWAY
4	SIDING
2	SIDSAW
1	SIDES
7	SIGNIFI

1	SHOT
1	SHUTTLE
45	SIDE
1	SIDE-CARRY
3	SIDES
3	SIDEWAYS
17	SIGHT
1	SIGHTING
1	SIGHTS
3	SIGN
7	SIGNALS
11	SIGNATURE
5	SIGNED
7	SIGNS
3	SIKORSKY
1	SIMILAR
2	SIMULATED
14	SINCE
2	SITES
3	SITUPS
2	SIZE
3	SKIP
1	SKIES
112	SKILL
1	SKILLED
8	SKIN
1	SL
7	SLACK
14	SLEEVE
7	SLICE
3	SLIDER
1	SLIDING
2	SLIGHTLY
12	SLING
3	SLINGS
2	SLIPPAGE
1	SLIP
1	SLOPE
2	SLOT
1	SLOTTED
5	SLOWLY
3	SMALL
2	SMOOTH
1	SMOOTHLY
1	SNAP

1	SOMEBITES
1	SOMETIMES
1	SOON
2	SOOT
1	SOUGHT
29	SO
1	SOAK
4	SOAP
2	SOARY
5	SOCKET
1	SOCKETS *
1	SOCIETY
3	SOFT-BRISTLE
1	SOFT-BRISTLED
6	SOFT-FIBER
1	SOILED
15	SOLDIER
27	SOLDIERS
14	SOLDIERS
4	SOLENOID
1	SOLES
1	SOLID
1	SOLUBLE
6	SOLUTION
1	SOLUTIONS
22	SOMEWHAT
5	SOON
1	SORROWFULLY
1	SORROWFUL
2	SORT
5	SOUP
1	SOUGHT
4	SOUND
1	SOUNDS
6	SPACE
1	SPACED
4	SPACER
1	SPACERS
7	SPARKER
1	SPAR
21	SPECIAL
3	SPECIALIST
1	SPECIALIZE
2	SPECIALTY
12	SPECIFIC

1	SPECIFICALLY
1	SPECIFICATION
7	SPECIFICATIONS
25	SPECIFIED
2	SPECIFIES
1	SPECIMEN
3	SPECTROMETRIC
7	SPEED
9	SPILLAGE
4	SPILLED
9	SPLINES
5	SPLINT
1	SPLINTING
2	SPLINTS
12	SPLIT
1	SPLITS
1	SPONGE
1	SPOT
2	SPOTS
8	SPRAY
1	SPRAYING
1	SPREAD
15	SPRING
1	SPRINGS
13	SPROCKET
2	SPT
26	SQT
1	SQT S
1	SQT2
9	SQUARE
4	SSPFT
1	ST
28	STABILIZER
2	STABILIZER
2	STABLIZER
1	STACKUP
4	STAFF
1	STALLATION
4	STAMP
5	STAMPED
39	STAND
2	STANDS
4	STANDARD
190	STANDARDIZED
229	STANDARDS

1	STANDBY
1	STANDING
6	START
1	STARTED
27	STARTER
1	STARTER-GENERATOR
1	STARTER-SWITCH
1	STARTS
1	STATE
1	STATED
1	STATEMENTS
6	STATIC
1	STATION
5	STATUS
3	STAY
1	STB
5	STEADY
8	STEEL
3	STEP
16	STEP
6	STEP-BY-STEP
251	STEPS
2	STERILE
32	STICK
1	STIFF
2	STIFF-BRISTLE
2	STILL
11	STOCK
34	STOP
1	STOP-ARM
3	STOPPED
4	STOPPING
8	STOPS
3	STOPWATCH
11	STORAGE
2	STORED
1	STOW
2	STOWED
6	STRAIGHT
2	STRAIGHT-LINE
4	STRAIGHTEDGE
1	STRAIGHTEN
92	STRAINER
2	STRAP
9	STRAPS

1	STRETCH
1	STRESSING
1	STRETCH
5	STRIKE
3	STRIKING
10	STRIPS
2	STRIPPED
2	STROKE
1	STRUCTURAL
4	STRUCTURE
1	STRUTS
1	STUCK
2	STUD
10	STUDS
2	STUDY
2	STUDYING
2	SUBASSEMBLY
1	SUBCOURSE
1	SUBJECT
6	SUBMIT
2	SUBMITS
1	SUBMITTED
3	SUBMITTING
2	SUBORDINATE
12	SUBSEQUENT
2	SUBTRACT
1	SUBTRACTING
1	SUCCESSFUL
1	SUCCESSFULLY
6	SUCH
1	SUFFERING
1	SUFFICES
22	SUITABLE
8	SUM
1	SUNLIGHT
1	SUPERFICIAL
2	SUPERVISE
1	SUPERVISION
6	SUPERVISOR
5	SUPERVISORY
2	SUPPLEMENTARY
15	SUPPLIES
27	SUPPLY
1	SUPPLYING
82	SUPPORT

1	SUPERCRITICAL
4	SUPERFITTING
6	SUPERTS
3	SURF
10	SURFACE
7	SURFACES
1	SURGICAL
1	SURROUND
1	SUSPEND
5	SUSPENDED
1	SUSPENSION
2	SVGS
22	SWASHPLATE
5	SWE
1	SWENEY
3	SWEEP
1	SWEPT
1	SWF.24330
1	SWF.24378
1	SWF.24377
1	SWF64
2	SWF63
1	SWF67
1	SWGP1.0
1	SWIG
53	SWITCH
2	SYMBOL
4	SYMBOLS
1	SYMETER
8	SYMPTOMS
1	SYNCHRONIZE
16	SYNCHRONIZED
99	SYSTEM
18	SYSTEMS
2	S3
2	T
6	TAB
2	TABLABEL
15	TABLE
1	TABLETS
4	TABS
1	TACHOMETER
5	TAG
3	TAGS
19	TAG-LABEL

6	TAGS
157	TAIL
1	TAILOF
7	TAILPIPE
39	TAKE
1	TAKEDOWN
7	TAKEN
2	TAKING
1	TAKES
9	TANK
2	TAP
18	TAPE
1	TAG/LABEL
3	TARGET
829	TASK
61	TASKS
4	TAXI
2	TAXIED
1	TAXIWAYS
34	TB
1	TBD
13	TC
2	TDA
2	TEAC
2	TEAD
6	TEARS
1	TEASPOONFUL
32	TEC
1	TECO
37	TECHNICAL
1	TECHNICUE
2	TECHNIQUES
3	TEF
7	TEETH
1	TELEPHONE
1	TELL
2	TELLS
2	TEMPERATURE
1	TEMPORARILY
1	TENES
9	TENSIOMETER
12	TENSION
2	TENTIAL
1	TERMINALS
6	TERRAIN

6	TESI
1	TESI-FLY
1	TESTED
1	TESTER
3	TESTING
1	TESTS
1	TEXT
15	THAN
140	THAT
1	THAW
10852	THE
5	THEIR
12	THEM
18	THEN
1	THEW
10	THERE
2	THEREAFTER
1	THEREFORE
1	THERMAL
16	THESE
14	THEY
1	THICK
2	THICKNESS
10	THIN
5	THIRD
276	THIS
6	THOROUGHLY
2	THOSE
6	THOUSAND
2	THRAL
5	THREADED
8	THREADS
17	THREE
1	THREE-DIGIT
1	THREE-EIGHTHS
1	THREE-FOURTHS
60	THROUGH
2	THROUGHOUT
2	THROWOUT
3	THRU
3	THUMB
1	THUMBJAW
2	THUMBS
14	TICK
4	TIE

1	TIERRAS
1	TIGHT
13	TIGHTEN
2	TIGHTENED
1	TIGHTENING
1	TIGHTER
4	TIGHTLESS
2	TILT
29	TIME
1	TIME-IN-GRADE
2	TIME-IN-SERVICE
1	TIME-INGRADE
2	TIMES
2	TIP
2	TIPS
5	TITLE
1	TITLED
2	TITLES
802	TO
1	TO7
1,208	TO
1	TO-COLLECTIVE
1	TODAY
1	TODO
9	TOGETHER
3	TOLERANCE
1	TOLE
1	TOLGUE
1	TOLKIT
22	TOL
114	TOOLKIT
153	TOOLS
1	TOOTH
37	TOP
1	TOPOGRAPHIC
1	TORI
141	TORQUE
27	TORQUED
2	TORQUES
4	TOTAL
2	TOUCH
1	TOUCHES
2	TOUCHING
2	TOURNIQUET
11	TOWARD

2	TRAVELS
1	TRAVIC
1	TRACK
4	TRACKING
2	TRAIL
3	TRAIN
1	TRAINED
1	TRAINEE
45	TRAINING
1	TRAILING
1	TRANSACTION
1	TRANSCRIBE
1	TRANSCRIBED
1	TRANSFER
92	TRANSMISSION
2	TRANSMITTED
42	TRANSMITTER
2	TRANSMITTERS
1	TRANSPARENT
2	TRANSPORT
5	TRANSPORTATION
1	TRAPPED
7	TRAVEL
4	TREAT
1	TREATED
9	TREATMENT
1	TREES
1	TRENCH
7	TRIANGLE
2	TRICHLOROETHYLENE
1	TRIGGER
5	TRIP
18	TRIPOD
7	TROUBLESHOOTING
9	TRUCK
2	TRUE
10	TRUNION
5	TRUNNIONS
2	TRY
69	TUBE
29	TUBES
1	TUBULE
2	TUBULO
1	TULLEL
28	TURBINE

1	TURBO
2	TURBOPLUNGER
2	TURCO
20	TURN
3	TURNED
2	TURNING
4	TURNS
1	TWIG
7	TWIST
1	TWISTED
2	TWISTING
39	TWO
1	TWO-FOUND
1	TWO-MILE
3	TWO-THIRDS
2	TWX
28	TYPE
4	TYPES
12	TYPEWRITER
1	TYPICAL
2	T-01220
1	T-01303
1	T-01304
6	T-01320
1	T-01402
2	T101414
2	T-01452
1	T-01456
1	T-01460
1	T-01468
1	T53-L-13
1	U
1	UH-1H
1	UH-1C
2	UH-1C/P
1	UH-1D
2	UH-1D/H
1	UH-1D/H'S
21	UH-1H
16	UH-1P
2	UH-1
2	UH-1H
1	UH-1H'S
3	UH-1M
1	UP

1	UNAUTHORIZED
1	UNCLASSIFIED
1	UNCERTAINTIES
3	UNCORRECTED
3	UNCOVER
36	UNDER
1	UNDERCL
1	UNDERCLNE
1	UNDERSIDE
6	UNDERSTAND
1	UNDERSTANDING
2	UNDERPP
1	UNDERSTALLED
1	UNDER
50	UNDER
2	UNDERS
4	UNDERS
5	UNK
14	UNKNOWN
1	UNLESS
1	UNLIGHT
1	UNPAIRED
5	UNPASS
6	UNPASSING
1	UNPLEIED
4	UNSCREW
14	UNSERVICEABLE
2	UNSTACKLE
57	UNTIL
1	UNUSED
1	UNUSUAL
44	UP
1	UPDATED
12	UPDI
52	UPDIP
2	UPSCRE
5	US
1	USA
1	USABLE
3	USACE
23	USF
44	USE
1	USEDS
1	USES
68	USING

1	USUALLY
1	UTENSILS
6	UTILITY
2	UTILITY/HYDRAULIC
1	UTILITY/TACTICAL
2	UUT-[illegible]
12	V
10	V-BAND
1	V-BELTS
1	VALID
2	VALLE
76	VALVE
13	VALVES
1	VALE
1	VARIES
1	VARIOUS
1	VARY
1	VEGETATION
1	VEHICLES
14	VENT
3	VERIFY
15	VERTICAL
1	VERTICALLY
1	VERY
4	VI
11	VIBRATION
6	VIBRATIONS
1	VICINITY
1	VICTOR
2	VIEW
8	VII
3	VIII
1	VIOLATIONS
1	VIRGINIA
1	VISIBILITY
2	VISIBLE
8	VISUAL
1	VISUALLY
4	VOCAL
2	VOICE
1	VOICEWRITER
7	VOLTAGE
9	VOLTMETER
4	VOLTS
1	VOLUME

1	VOMITING
8	WARDS
1	WAIST
2	WAIT
2	WALK
1	WALLPAPER
1	WANTS
2	WARD
2	WARDS
1	WARFARE
5	WARM
2	WARMING
4	WARMINGS
12	WAS
11	WASH
23	WASHER
36	WASHERS
2	WASHING
1	WASHINGTON
42	WATER
6	WAVE
7	WAY
1	WE
1	WEAK
19	WEAKER
6	WEAR
1	WEARING
14	WEATHER
1	WEB
4	WEIGHT
1	WEIGHTS
9	WELL
1	WELL-TRAINED
2	WELL-VENTILATED
1	WES
2	WET
10	WHAT
1	WHEELS
47	WHEN
1	WHENEVER
12	WHERE
37	WHICH
1	WHICHEVER
53	WHILE
2	WHILE

7	WIND
2	WINE
2	WINTER
191	WILL
1	WILLING
1	WILL[illegible]
1	WINT
1	WINTACE
2	WIL[illegible]
12	WIRE
1	WIRED
1	WIREDOWN
20	WIRE
2	WIRED
3	WIRES
3	WIRING
304	WITH
5	WITHDRAW
49	WITHIN
74	WITHOUT
2	WIPEL
2	WOOD
21	WORK
2	WORKING
6	WORKSHEET
1	WORKSTAND
5	WORT
1	WORSE
2	WOULD
6	WOUND
1	WOUNDED
1	WOUNDS
5	WRAP
1	WRAPPED
1	WRAPS
72	WRECH
5	WRECHES
1	WRISTWATCH
2	WRITE
1	WRITEUP
2	WRITTEN
2	WRONG
9	X
1	X-RAY
2	X'S

1	X1
1	YEAR
2	YEARS
2	YELLOW
1	YES
1	YIELDING
195	YIN
1	YINGER
213	YOUR
11	YOURSELF
7	ZERO
1	ZEROES
4	ZERO ING
4	ZERO
2	ZIP
1	ZIPPERS

```
[ER[illegible]5] SNP SCRT PR
[ER[illegible]5] INSERT [illegible]3.30, DELETE [illegible]3436
[ER[illegible]7] BATT BIAS = 10
[ER[illegible]4] TRK OVER-ALLOC FACTOR= PRIM/USEC=010
[ER[illegible]4] RCD IN [illegible], OUT
[ER[illegible]9] TPT'S APPLIED 1234
[ER[illegible]52] END SYNCSCRT[illegible]CPT= M, TMEKC2D7,DLMP ,
```

```
...5...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95...100..105..110..
HEADER1 OUT=50,CON=!KOPP FREQUENCY DISTRIBUTION!
HEADER2 OUT=001,CON=' FREQUENCY/WORD'
HEADER2 OUT=033,CON=' FREQUENCY/WORD'
HEADER2 OUT=065,CON=' FREQUENCY/WORD'
HEADER2 OUT=097,CON=' FREQUENCY/WORD'
HEADER3 OUT=1,CON=' '
MOVE OUT=1,CON=SPACE,LEN=132
MOVE IN=1,OUT=001,LEN=5
MOVE IN=A,OUT=8,LEN=25
READ SYSUT1
MOVE IN=1,OUT=33,LEN=5
MOVE IN=6,OUT=40,LEN=25
READ SYSUT1
MOVE IN=1,OUT=65,LEN=5
MOVE IN=6,OUT=72,LEN=25
READ SYSUT1
MOVE IN=1,OUT=96,LEN=5
MOVE IN=6,OUT=104,LEN=25
WRITE SYSUT2
```

OPNCODE 78 EOJCODE 0 CONSTANTS 0 FULLWORDS 0 RETLPK 0

```
...05...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95...100...105...110..

JOBNAME=TMERC2C7 STEP=LKLIST  STEP=
 DDNAME=SYSPRINT UNIT=[redacted]
 DDNAME=SYSUT1   UNIT=240      DSN=TME.KORD.CNT                                  SER=L3330A
 DDNAME=SYSUT2   UNIT=645      DSN=SYS8CC78.T000845.RV000.TMERC2C7.F0CCC038      SER=
 DDNAME=SYSIN    UNIT=200

SYSUT1 INPUT    3030   SYSUT2 OUTPUT    859   SYSUT3 OUTPUT    0   SYSUT4 OUTPUT    0
LRECL             30   LRECL            133   LRECL            0   LRECL            0
BLKSIZE         6420   BLKSIZE          133   BLKSIZE          0   BLKSIZE          0
```

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
1,852	THE	1,613	AND	1,20[illegible]	TO	829	TASK
863	TO	724	OF	65[illegible]	IN	546	BE
521	FOR	522	A	445	MUST	423	CONDITIONS
417	REMOVE	413	ON	40[illegible]	FM	376	CHAPTER
3[illegible]	OR	337	INSTALL	30[illegible]	WITH	285	ARE
292	PERFORM	278	FUEL	27[illegible]	THIS	263	IS
251	FROM	251	STEPS	23[illegible]	OIL	229	STANDARDS
2[illegible]7	ACCOMPLISHING	221	CONTROL	213	YOUR	198	ROTOR
197	EQUIPMENT	196	REFER	15[illegible]	YOU	191	WILL
15[illegible]	STANDARDIZED	179	ASSEMBLY	17[illegible]	REFERENCES	171	AIRCRAFT
16[illegible]	ALL	16[illegible]	FORM	15[illegible]	GENERAL	157	TAIL
15[illegible]	TOOLS	15[illegible]	DA.	14[illegible]	MATERIALS	141	POSITION
141	TORQUE	14[illegible]	THAT	13[illegible]	LEVEL	136	MAINTENANCE
1[illegible]	BLOCK	132	FILTER	131	HYDRAULIC	125	AS
125	INSPECT	124	CHECK	12[illegible]	NOT	122	REQUIRED
121	IF	119	MECHANIC'S	11[illegible]	BY	116	AT
115	ENGINE	11[illegible]	TOOLKIT	11[illegible]	SKILL	111	NUMBER
10[illegible]	FOLLOWING	10[illegible]	MANUAL	10[illegible]	ENTER,	102	MAIN
[illegible]	CELL	[illegible]	NEEDED	[illegible]	SYSTEM	95	RETURN
[illegible]	COMPOUNDS	92	STRAINER	[illegible]	TRANSMISSION	88	DAMAGE
88	PLACE	87	SHAFT	[illegible]	B	86	DISCONNECT
84	COVER	84	LISTED	[illegible]	MAP	82	REMOVED
82	SUPPORT	78	BOLTS	[illegible]	CLEAN	76	VALVE
75	LINE	75	LINES	74	CORRECT	74	INSTALLATION
74	LITHIUM	73	WRENCH	[illegible]	AN	69	TUBE
[illegible]	SECURE	68	PREPARE	[illegible]	REFERENCE	68	USING
67	APPROPRIATE	67	C	[illegible]	CONDITION	67	NECESSARY
67	POINT	66	DRIVE	[illegible]	LEVER	65	BLADE
65	POWER	65	PRESSURE	[illegible]	BEARING	63	CAP
61	TASKS	60	THROUGH	59	COLLECTIVE	59	MOUNT
58	APPLICABLE	57	PUMP	57	UNTIL	56	OPEN
55	BOLT	55	IT	54	AREA	54	COMPLETE
54	NUT	53	D	53	GEARBOX	53	OTHER
53	SWITCH	52	UPPER	52	WHILE	52	EACH
52	NOTE	51	CASUALTY	51	CHEMICAL	51	INSURE
51	ITEM	50	END	50	INTO	50	ONE
50	UNIT	49	APPLY	49	HOUSING	49	MAST
49	WITHIN	48	DRAIN	48	FIRST	48	FITTINGS
48	INSPECTION	45	TRANSMITTER	47	MAST	47	WHEN
45	ADJUST	45	F	45	MOUNTING	45	SERVICE
45	TRAINING	44	FIELD	44	INSTALLED	44	PROCEDURES
44	SAFETY	44	UP	43	USE	43	ACCOMPLISHED
43	CYLINDER	43	HUB	42	MANUALLY	42	AFT
42	PERFORMED	42	WATER	41	RECORD	40	INLET
40	NORMAL	40	RESERVOIR	40	SIDE	39	AFTER
39	ARMY	39	METHOD	39	PARTICLE	39	PERFORMING
39	S	39	STAND	39	TANK	39	TWO
38	ACCESS	38	COMPONENTS	38	AIR	37	GRID
37	HAVE	37	PAGE	37	SEPARATOR	37	TECHNICAL
37	TOP	37	WHICH	36	DUTY	36	FORWARD

FREQUENCY/WORD		FREQUENCY/WORD		FREQUENCY/WORD		FREQUENCY/WORD	
36	HARDWARE	36	HEAD	36	LOCKWIRE	36	OUTLINED
36	QUANTITY	36	SECURE	36	UNDER	36	WASHERS
35	ARM	35	ELECTRICAL	35	F	35	HIS
35	SAMPLE	35	TEST	34	AZIMUTH	34	CORRECT
34	DETERMINE	34	DC	34	MINUTES	34	NEW
34	OVER	34	PLATE	34	RETAINING	34	STOP
34	TO	33	ASSIGNMENTS	33	ATTACHING	33	BAR
33	ADC	33	OPERATIONAL	33	RED	33	SECTION
32	FORMS	32	GRIP	32	GROUND	32	LESSON
32	MATERIEL	32	REPORT	32	STICK	32	TEC
31	CABLES	31	MAGNETIC	31	NO	31	PERSONNEL
30	BATTERY	30	BOTTOM	30	CAN	30	DD
30	FULL	30	KIT	30	MAKE	30	HOS
30	NUCLEAR	30	NUTS	30	PACKING	29	ANY
29	ASSISTANCE	29	BODY	29	CYCLIC	29	LEVER
29	OFF	29	SERVO	29	TIME	29	TUBES
28	AID	28	ELEVATOR	28	ENTRIES	28	FITTING
28	HAS	28	MAY	28	MEASURES	28	PART
28	QUILL	28	RIG	28	STABILIZER	28	TURBINE
28	TYPE	27	BODY	27	CLOTHING	27	COOLER
27	ICI	27	LIGHT	27	PROTECTIVE	27	RIFLE
27	SOLDIER'S	27	STARTER	27	SUPPLY	27	TORQUED
26	ABLE	26	ATTACH	26	FILLER	26	GOVERNOR
26	DIST	26	HOSES	26	I	26	REMOVAL
26	RIGHT	26	SOT	25	AROUND	25	FRICTION
25	INDIVIDUAL	25	KNOW	25	LIFT	25	PROPER
25	REAR	25	SCALE	25	SPECIFIED	24	AR
24	CARRIER	24	CLAMP	24	LEFT	24	LOCATE
24	PLUG	24	PROBE	24	SHELLS	23	ACCUMULATOR
23	ATTACK	23	CABLE	23	CASUALTY'S	23	CHANGE
23	COMPONENT	23	COUPLING	23	EXAMPLE	23	FLIGHT
23	GARRISON	23	LANDING	23	ONLY	23	PILLOW
23	SO	23	SOLVENT	23	TOOL	23	USE
23	WASHER	22	BOTH	22	BRACKET	22	BRUSH
22	CENTER	22	CLEANING	22	DATA	22	FLUID
22	FOREIGN	22	G	22	OBJECT	22	OUT
22	PITCH	22	POUNDS	22	SET	22	SUITABLE
22	SLASHPLATE	21	ABOVE	21	CLOSE	21	COOK
21	COMPLETED	21	GENERATOR	21	HOW	21	MARK
21	NEXT	21	PARTS	21	PHYSICAL	21	SPECIAL
21	UNLOW	21	WORK	20	AGENT	20	COMPASS
20	COTTER	20	DOWN	20	DURING	20	ITEMS
20	PIN	20	TURN	20	WIRE	19	ADAPTER
19	AGAINST	19	AVAILABLE	19	BELT	19	CHAMBER
19	ELEVATION	19	GASKET	19	LETTER	19	LINKS
19	MAINTAIN	19	MEASURE	19	METHOD	19	MOVE
19	REMOVING	19	REPLACE	19	RING	19	RT
19	SCREWS	19	TAG/LABEL	19	WEAPON	18	ADDITIONAL
18	AREAS	18	CONTAINER	18	DISCHARGE	18	ELEMENT
18	FOUR	18	INITIAL	18	LEAK	18	PENCIL

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
18	REMOVE/INSTALL	18	RIGGING	18	SERIAL	18	SURFACE
18	SYSTEMS	18	TAPE	18	THEN	18	TIGHTEN
18	TOWELS	18	TRIPOD	17	BACK	17	BIOLOGICAL
17	BLOCKS	17	BOOST	17	CONTROL	17	DATE
17	DRYCLEANING	17	FREE	17	F	17	HALF
17	FOLD	17	HOTEL	17	MATERIALS	17	PRIOR
17	REINSTALL	17	RESERVOIRS	17	SHEET	17	SIGHT
17	THREE	16	BELLCRANK	16	BRAKE	16	CHAPTERS
16	CLEAR	16	CONTOUR	16	CUT	16	EXTERNAL
16	FILL	16	FITNESS	16	FORCE	16	GAIN
16	GIVEN	16	GREASE	16	HANGER	16	INDIVIDUALS
16	INSERT	16	INSPECTOR	16	IRREVERSIBLE	16	LOCATION
16	LIKE	16	MIL-H-5606	16	MILITARY	16	MINIMUM
16	MODEL	16	PULL	16	REPAIR	16	STEP
16	SYNCHRONIZED	16	THAN	16	THESE	16	UH-1H
15	ALINE	15	APPLIED	15	BASIC	15	BLADES
15	BOOT	15	COLLET	15	COMBUSTION	15	CORROSION
15	DISTANCE	15	DRAG	15	DUTIES	15	FOD
15	FOLLOWED	15	GEAR	15	HAND	15	HELICOPTER
15	IT	15	OBTAIN	15	ORDER	15	PILOT'S
15	POINTS	15	PUBLICATIONS	15	REPEAT	15	SCREENS
15	SOLDIER	15	SPRING	15	SUPPLIES	15	TABLE
15	VERTICAL	14	BRACE	14	CIRCUIT	14	COMPOUND
14	CONTAMINATED	14	DECONTAMINATION	14	DETACH	14	DIRT
14	FIGURE	14	FOLLOWS	14	INTERMEDIATE	14	METAL
14	MIL-H-8322A	14	OPERATION	14	PANEL	14	PILOT
14	POSITIONS	14	PRIMARY	14	CLEARANT	14	QUALIFIED
14	SAME	14	SCOPE	14	SEAL	14	SEE
14	SINCE	14	SLEEVE	14	SOLDIERS	14	THEY
14	TICK	14	UNKNOWN	14	UNSERVICEABLE	14	VENT
14	WEATHER	13	ACTIVITY	13	ACTUATOR	13	ASSEMBLIES
13	COLUMN	13	COMPANY	13	CONNECTED	13	CONTAMINATION
13	CONTROLS	13	CRACKS	13	DAMPERS	13	DETECTOR
13	DETERMINED	13	DISASSEMBLE	13	DUST	13	FUSELAGE
13	LEAST	13	LEGIBLE	13	LOOSEN	13	MIL-L-23699
13	MIL-L-7808	13	MODIFICATION	13	PEN	13	PINS
13	PROMOTION	13	PROVIDED	13	PYLON	13	READ
13	RETAINER	13	SCREW	13	SHIPS	13	SPROCKET
13	TO	13	VALVES	12	ADJUSTABLE	12	ADJUSTMENT
12	BLEEDING	12	BRAVO	12	BREAKER	12	BURST
12	CLEVIS	12	EITHER	12	ENTERED	12	EXTENSION
12	FIFTH	12	GIVE	12	HALVES	12	HOSE
12	III	12	INSPECTED	12	OPERATING	12	OPERATOR
12	PHASED	12	POSSIBLE	12	PROPERLY	12	PROTRACTOR
12	RELEASE	12	REQUEST	12	RUN	12	SETS
12	SLING	12	SPECIFIC	12	SPLIT	12	SUBSEQUENT
12	TENSION	12	THEM	12	TYPEWRITER	12	UPON
12	V	12	WHERE	12	WIPE	11	ACTION
11	ADJUSTMENTS	11	ALUMINUM	11	BOTTLE	11	BUT
11	CLOTH	11	COMPONENTS	11	CONVERT	11	DAMPER

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
11	DEFUEL	11	DRY	11	ELEMENTS	11	EVENLY
11	EYES	11	FIXTURE	11	FLASH	11	FRONT
11	GRADIENT	11	HEAT	11	HORN	11	INSTRUCTIONS
11	LEVELS	11	LIGHTS	11	LINK	11	LIST
11	MORE	11	MOST	11	ONE-HALF	11	OUTLET
11	PREVENT	11	RED	11	REPORTS	11	RESPIRATION
11	RETURN	11	RPM	11	SEARCHLIGHT	11	SERVICEABLE
11	SHOCK	11	SIGNATURE	11	STICK	11	STORAGE
11	TOWARD	11	VIBRATION	11	WASH	11	YOURSELF
10	APPROXIMATELY	10	ARTIFICIAL	10	ASSIGNED	10	BEFORE
10	BLANK	10	CAREFULLY	10	CASE	10	CHAIN
10	CLIPS	10	CONTAINED	10	CURRENT	10	DEFUELING
10	FAULT	10	FLANGE	10	FLUSH	10	GET
10	GROUP	10	HE	10	HIGHER	10	HIM
10	HOT	10	INDEX	10	INDICATOR	10	INFORMATION
10	INSIDE	10	LUBRICATE	10	M	10	MALFUNCTION
10	MANAGEMENT	10	METAL	10	NATIONAL	10	NEED
10	ORIENT	10	OVERHAUL	10	PAPER	10	PORTS
10	REDUCE	10	RESUSCITATION	10	RIVET	10	SEQUENCE
10	STRIP	10	STUDS	10	THERE	10	THIN
10	TRUNNION	10	V-BAND	10	WAS	10	WHAT
9	ACHIEVE	9	AUTHORIZED	9	BEING	9	BREAKAWAY
9	BURN	9	CAMOUFLAGE	9	CAPS	9	CAUSE
9	CELLS	9	CERTIFYING	9	CHANGES	9	CLAMPS
9	COAT	9	COMMANDER	9	CYLINDERS	9	CYLINDERS
9	DEFENSE	9	DIRECTION	9	E-4	9	ENDS
9	ENVIRONMENT	9	EVALUATION	9	EVERY	9	FIT
9	FOOT-POUNDS	9	GAGE	9	GRADE	9	HOOK
9	HORIZONTAL	9	IMMEDIATE	9	INCHES	9	ITS
9	LEAKS	9	MADE	9	MECHANICAL	9	MEDICAL
9	MESSAGE	9	MWO	9	MIGHT	9	NAVIGATION
9	OUTDO	9	ORGANIZATIONAL	9	OUTSIDE	9	PAGES
9	PANELS	9	POSITIONING	9	PROCEDURE	9	READING
9	SCREEN	9	SELF-DECONTAMINATION	9	SERVOCONTROL	9	SPILLAGE
9	SPLINES	9	SQUARE	9	STRAPS	9	TALK
9	TENSIOMETER	9	TOGETHER	9	TREATMENT	9	TRUCK
9	VOLTMETER	9	WELL	9	WIRED	9	X
8	4	8	ABILITY	8	ADULT	8	ACCOMPLISH
8	ACTIONS	8	ADVANCED	8	ALLEY	8	ARMS
8	ASSEMBLE	8	AUTHORITY	8	AVIATION	8	AWAY
8	CARGO	8	CHIP	8	CHOKED	8	CLEANLINESS
8	COLD	8	COMBAT	8	COMPRESSOR	8	CONNECTOR
8	CONTINUE	8	CORROSION-PREVENTIVE	8	COUPLINGS	8	COVERS
8	DAMAGED	8	DELTA	8	DISCONNECTED	8	EMPLOYED
8	EXTREME	8	FACEPIECE	8	GASKETS	8	HALDS
8	HELP	8	HOLES	8	IDENTIFY	8	INTERVAL
8	ISSUE	8	JACKS	8	JOB	8	LEGEND
8	MALFUNCTIONS	8	MARKS	8	METERS	8	MOUTH
8	NEAREST	8	OPERER	8	OPERING	8	ORGANIZATION
8	PAD	8	PAMPHLET	8	PERFORMANCE	8	POL

WORD FREQUENCY

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
8	PUBLICATION	8	PUT	6	RADIOLOGICAL	8	REASON
8	RECEIVER	8	RECOMMENDED	6	REPLACED	8	RINSE
8	RUBBER	8	SAND	6	SECOND	8	SEPARATORS
8	SKIN	8	SPRAY	6	STEEL	8	STOPS
8	SUPP	8	SYMPTOMS	6	THREADS	8	UNCORRECTED
8	VII	8	VISUAL	6	WIRES	7	ACTUATE
7	AGENTS	7	AIRCRAFTS	6	ALFA	7	ALLOW
7	ALSO	7	APPENDIX	6	BREAK	7	CARBON
7	CHEST	7	CLEANED	6	CLOSED	7	COMPRESSED
7	CONES	7	COORDINATE	6	COVERED	7	CONLING
7	CREEPER	7	CRITICAL	6	CROSSOVER	7	DECK
7	DETAIL	7	DIFFERENT	6	DOES	7	DRESSING
7	ELEVATORS	7	ETC	6	FACE	7	FACING
7	FAIRING	7	FILLED	6	FIREWALL	7	FIVE
7	HOLE	7	HOWEVER	6	IDENTIFIED	7	INDICATE
7	INNER	7	INTRODUCTION	6	IV	7	L
7	LATERAL	7	LEAD	6	LID	7	LOCK
7	LOOSE	7	MAJOR	6	MANUFACTURER'S	7	MARGIN
7	MARKERS	7	METHODS	6	NEEDS	7	NUMBERED
7	OPERATOR'S	7	OPPOSITE	6	OVERHEAD	7	PARTICULAR
7	PORT	7	PORTION	6	PREPARED	7	PRESENT
7	PROGRESS	7	PUMPS	6	REFUEL	7	REPAIRER
7	REPARABLE	7	ROTATE	6	SAFETIED	7	SAFETIES
7	SEAT	7	SELECTOR	6	SERIES	7	SERVICEABILITY
7	SHROUD	7	SIGNALS	6	SIGNS	7	SLACK
7	SLIDE	7	SPANNER	6	SPECIFICATIONS	7	SPEED
7	SURFACES	7	TAILPIPE	6	TAKEN	7	TEETH
7	TRAVEL	7	TRIANGLE	6	TROUBLESHOOTING	7	TWIST
7	VOLTAGE	7	WAY	6	WRC	7	ZERO
6	ABSENCE	6	ACCURACY	6	ACD	6	ADHESIVE
6	ADMINISTER	6	AIRFRAME	6	ALARM	6	ALIGNMENT
6	ANOTHER	6	ATTACHMENT	6	BATTALION	6	BOLD
6	BINDING	6	BREATHING	6	BROKEN	6	CABINET
6	CAUTION	6	CENTERED	6	CLEARANCE	6	COOL
6	CORRECTIVE	6	CROSS	6	DEEP	6	DESCRIPTION
6	DIRECT	6	DRAW	6	DS2	6	DUE
6	E-5	6	E-6	6	EDGE	6	EMERGENCY
6	ENLISTED	6	EVENT	6	EXPOSURE	6	FIRE
6	FIRING	6	FISTS	6	FLYABLE	6	GAPS
6	GLASS	6	GROOVE	6	GUARD	6	GUIDANCE
6	GUIDE	6	HANDLE	6	IDLE	6	IMMEDIATELY
6	INCHPOUNDS	6	INJURY	6	INTERIOR	6	J
6	K	6	KEEP	6	KNOWN	6	LABELS
6	LATCHES	6	LESS	6	LOCAL	6	LOCATED
6	LOGBOOK	6	LUBRICANT	6	MALE	6	MATERIAL
6	MATING	6	MEANS	6	MEET	6	MILS
6	MONITOR	6	MOUNTS	6	MOVEMENT	6	NEAR
6	NORTH	6	NOZZLE	6	NSN	6	OPERATE
6	OTHERS	6	OUTBOARD	6	PEDAL	6	PEST
6	PRECEDENCE	6	PROGRAM	6	PSI	6	REASSEMBLE

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
6	RELAY	6	RELIEF	6	REQUIRE	6	ROAD
6	RONED	6	RUNUP	6	SECONDS	6	SECURING
6	SELECT	6	SHEET	6	SHORT	6	SOFT-FIBER
6	SOLUTION	6	SPACE	6	START	6	STATIC
6	STEP-BY-STEP	6	STRAIGHT	6	SUBMIT	6	SUCH
6	SUPERVISOR	6	SUPPORTS	6	TAB	6	TAGS
6	TEARS	6	TERRAIN	6	THOROUGHLY	6	THOUSAND
6	TRACK	6	T101330	6	UNDERSTAND	6	UNMASKING
6	UTILITY	6	VIBRATIONS	6	WAVE	6	WEAR
6	WORKSHEET	6	WOUND	5	ACCURATE	5	AIRWAY
5	ALARMS	5	ANALYSIS	5	ANALYZE	5	AND/OR
5	ARM-LIFT	5	ATTACHED	5	AUXILIARY	5	BAD
5	BASED	5	BATTLESIGHT	5	BLOW	5	BOLTHEADS
5	BREATH	5	BREATHE	5	BUCKET	5	BUS
5	CAM	5	CANTEEN	5	CAPPED	5	CATCH
5	CAVITY	5	CHECKLIST	5	CHIPS	5	CLIP
5	CLOUD	5	COMPLETELY	5	COMPRESS	5	CONDEMNED
5	CONTAIN	5	CORNER	5	COURT	5	COUNTERCLOCKWISE
5	DECONTAMINATE	5	DEFICIENCIES	5	DESIGNATION	5	DESIRED
5	DIGITS	5	DISCARD	5	DOOR	5	DOORS
5	DOR	5	EFFECTS	5	ELIGIBLE	5	ENOUGH
5	EXCHANGE	5	EXTEND	5	EXTERIOR	5	EYE
5	EYEBOLT	5	FACILITY	5	FAULTS	5	FEET
5	FEMALE	5	FILTERS	5	FINAL	5	FLEXIBLE
5	FLOW	5	FOLLOW	5	FRACTURE	5	FRACTURES
5	FURTHER	5	GO	5	GRASP	5	HANDLING
5	HANGAR-TYPE	5	HARNESS	5	HEALING	5	HIMSELF
5	HOURS	5	IDENTIFICATION	5	INDICATES	5	INTERSECTION
5	LABEL	5	LARGE	5	LAY	5	LEADS
5	LEAVE	5	LENSATIC	5	LIMA	5	LIMITS
5	LINKAGE	5	MATTER	5	MAXIMUM	5	MICROMETER
5	MINUTE	5	MONTHLY	5	M12	5	NECK
5	NICKS	5	NOMENCLATURE	5	NUMBER/LOT	5	OBJECTS
5	OBSERVED	5	OBTAINABLE	5	OBTAINED	5	OFFICER
5	OPCE	5	OPERATED	5	OUTER	5	P
5	PETROLATUM	5	PLATES	5	PLOT	5	PRESCRIBED
5	PROCESS	5	PROFICIENCY	5	R	5	RATE
5	RECOMMENDATION	5	REFUELING	5	RELIEVED	5	REMAIN
5	REMARKS	5	REQUIREMENTS	5	REQUISITION	5	RESPONSIBILITY
5	RODS	5	RUST	5	SCHOOL	5	SCISSORS
5	SCRATCHES	5	SERRATED	5	SIGNED	5	SLOWLY
5	SOCKET	5	SOME	5	SUP	5	SPLINT
5	STAMPED	5	STATUS	5	STEADY	5	STRIKE
5	SUPERVISORY	5	SUSPENDED	5	SWF	5	TAG
5	THEIR	5	THIRD	5	THREADED	5	TITLE
5	TRANSPORTATION	5	TRIM	5	TRUNNIONS	5	UNK
5	UNMASK	5	US	5	WARM	5	WITHDRAW
5	WORN	5	WRAP	5	WRENCHES	4	ABDOMEN
4	ACTUAL	4	AFFECTED	4	AGAIN	4	ALERTS
4	ALINED	4	APPEAR	4	ATTEMPT	4	AVIATOR'S

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
4	BANDAGE	4	BANDAGES	4	BARREL	4	BEARINGS
4	BECOME	4	BELLCRAK	4	BELTHEAD	4	BOX
4	BRACKETS	4	BREATHS	4	BRIGHT	4	BURNS
4	CARE	4	CAREER	4	CAUTIONS	4	CHART
4	CHARTS	4	CHECKS	4	CHIN	4	CHROMATE
4	CLOCKWISE	4	CONSISTS	4	CONTACT	4	CONTAMINANTS
4	CONTENTS	4	CONTINUOUS	4	COORDINATES	4	CORRECTED
4	COURSE	4	CROSSHEAD	4	CROSSING	4	CUMULATIVE
4	CUTS	4	DAYS	4	DEFECTIVE	4	DEFLECTION
4	DEGREES	4	DESCRIBED	4	DESIGNATED	4	DESIGNATOR
4	DESIGNED	4	DISENGAGE	4	DISTANCES	4	DIVISION
4	DON	4	DONE	4	DRAINED	4	DUCT
4	E-7	4	EIGHT	4	EIR	4	ELIMINATED
4	EQUAL	4	ERROR	4	ESTABLISHED	4	EXPOSED
4	FALLOUT	4	FLOOR	4	FRANGIBLE	4	FREELY
4	FUELING	4	FULLY	4	GAS	4	GLOVES
4	GREEN	4	GSE	4	HAZARD	4	HEADS
4	HELL-HOLE	4	HERE	4	HIT	4	HOOD
4	IDLER	4	ILLUMINATED	4	IMPROVEMENT	4	INCLUDE
4	INCLUDING	4	INDICATING	4	INITIATE	4	INTERCONNECT
4	INTERNAL	4	JAM	4	JAW	4	KEEPING
4	LAST	4	LATCH	4	LEADERSHIP	4	LEAKS
4	LENGTH	4	LIFE	4	LIFESAVING	4	LISTING
4	LOW	4	LUBRICATED	4	MARKER	4	MARKED
4	MASK-TO-MOUTH	4	MASKING	4	MASTER	4	MEASURING
4	MIX	4	METAL	4	MOUTHPIECE	4	NERVE
4	NOTES	4	OPERATING	4	ORDERS	4	PATHS
4	PARALLEL	4	PARTICLES	4	PC	4	PEDALS
4	PERIOD	4	PERSON	4	PIPE	4	PLACING
4	PMS	4	PRECISION	4	PRIORITY	4	PROBABLE
4	PROTECT	4	PROVIDE	4	PULLING	4	PUSH
4	QUESTIONS	4	RADIOLOGICALLY	4	RAPID	4	RATED
4	REACH	4	RECEIVED	4	RECHECK	4	RECOGNIZE
4	RECONNECT	4	REQUEST/REPORT	4	REQUIRING	4	RESECTION
4	RESERVE	4	RETAINERS	4	REVIEW	4	ROLL
4	SAFELY	4	SEALS	4	SECONDARY	4	SECURITY
4	SELF-PURGING	4	SENIOR	4	SERVICED	4	SERVICES
4	SHOWER	4	SHOWING	4	SLAP	4	SOLENOID
4	SOUND	4	SPACER	4	SPILLED	4	SSDFT
4	STAFF	4	STAMP	4	STANDARD	4	STOPPING
4	STRAIGHTEDGE	4	STRUCTURE	4	SUPPORTING	4	SYMBOLS
4	TABS	4	TAXI	4	TIE	4	TIGHTNESS
4	TOTAL	4	TRACKING	4	TREAT	4	TURNS
4	TYPES	4	UNITS	4	UNSCREW	4	VI
4	VOCAL	4	VOLTS	4	WARNINGS	4	WEIGHT
4	ZEROING	4	ZINC	3	ACCESSORIES	3	ACTIVE
3	ADDITION	3	ADEQUATE	3	ADJACENT	3	ADJUSTED
3	ADJUSTING	3	ADMINISTRATIVE	3	ADVANTAGE	3	AMIDE
3	AIRPULS	3	ANGLE	3	ANTENNA	3	APL
3	ARTILLERY	3	ASSESSMENT	3	ATTITUDE	3	AUXILIARY

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
3	BALANCE	3	BARE	3	BASE	3	BATH
3	BEST	3	BLAST	3	BLAST/BANG	3	BLEED
3	BLOCD	3	BOOK	3	BREAKS	3	BULKHEAD
3	BULLETIN	3	BUTT	3	BYPASS	3	CABIN
3	CEMENT	3	CHAFFING	3	CHARGING	3	CHARLIE
3	CHECKED	3	CHESTPRESSURE	3	CHIEF	3	CLEANER
3	CLEARED	3	CLOSED-CIRCUIT	3	CODES	3	COLOR
3	COMMENTS	3	COMPLETION	3	CONCEALMENT	3	CONDITIONS
3	CONNECTIONS	3	CONSCIOUS	3	CONSIDERED	3	CONSULT
3	CORRESPOND	3	COUNTERBORE	3	CRACK	3	CREW
3	CROSSED	3	DAILY	3	DAYLIGHT	3	DC
3	DEFENSIVE	3	DEPENDING	3	DEPRESSURE	3	DESCRIBE
3	DEVELOPMENT	3	DEVICES	3	DIAMETER	3	DIFFUSER
3	DIM	3	DIPPED	3	DISASSEMBLY	3	DISTRIBUTION
3	DODGE	3	DOUBLED	3	DROP	3	DYNAMIC
3	F-1	3	F-8	3	ELBOW	3	ELEVATE
3	ENGAGED	3	ENTIRE	3	ENTIRELY	3	ENTRY
3	ESSENTIAL	3	EVALUATE	3	EVER	3	EVENTS
3	EXCEED	3	EXCESS	3	EXHAUST	3	EXHAUSTION
3	EYEPIECE	3	FAR	3	FASTENERS	3	FEATURES
3	FIN	3	FLAT	3	FLOWN	3	FOOT
3	FORMAT	3	FOUND	3	FOXHOLE	3	FOXTROT
3	GEARBOXES	3	GIVES	3	GOV	3	GROMMETS
3	GROUNDING	3	HAZARDS	3	HEADGEAR	3	HEALTH
3	HIGH	3	HINGED	3	HISTORICAL	3	HORIZONTALLY
3	ILLUSTRATES	3	INVERSE	3	INCIDENT	3	INDICATED
3	INJECTION	3	INJURED	3	INSPECT/CLEAN	3	INSPECTIONS
3	INSTALLING	3	INTERCONNECTING	3	INTERNALLY	3	INTRODUCING
3	IRON	3	IX	3	JACKSHAFT	3	JOBS
3	JOINT	3	JULIAN	3	JUMP	3	KEPT
3	KEY	3	KNIFE	3	LAND	3	LEAKAGE
3	LEVERS	3	LIFTING	3	LIMITATIONS	3	LIFT-FREE
3	LIPS	3	LOCKWIRED	3	LOOK	3	LOOK
3	LUBRICANTS	3	LUBRICATION	3	MAGNIFYING	3	MANIFOLD
3	MARVILLE	3	MASKS	3	MATCHED	3	MECHANIC
3	MECHANISM	3	METALLIC	3	MILE	3	MIRROR
3	MISSING	3	MODELS	3	MOISTURE	3	MOTION
3	M17	3	NAME	3	NEGATIVE	3	NONESSENTIAL
3	NOSE	3	NOTED	3	NOUN	3	NUMBERS
3	NYLON	3	OBSERVE	3	OCCUPATIONAL	3	OFFICE
3	ONE-FOURTH	3	OPERABLE	3	OVERFLOW	3	PAD
3	PASSED	3	PER	3	PERCUSSION	3	PERSONAL
3	PLACED	3	PLUMB	3	PI	3	POINTING
3	POWERPLANT	3	PRACTICE	3	PREFORMED	3	PREPARATION
3	PRESERVATION	3	PRESERVE	3	PRESERVED	3	PREVENTIVE
3	PRINTED	3	PULLEYS	3	PURPOSE	3	QUALIFICATION
3	QUALITY	3	QUARTS	3	RAGS	3	RAISE
3	RANGE	3	RAPIDLY	3	RECEIVE	3	RECORDS
3	REFILL	3	REGULATIONS	3	RELATED	3	REMEMBER
3	REPAIRED	3	REPEATING	3	RETRACTS	3	RETURNS

FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD
3 RHEOSTAT	3 RIGHT-HAND	3 RISE	2 ROOF
3 ROTOR/TRANSMISSION	3 ROUNDS	3 RUB	3 SAFE
3 SEATED	3 SECTIONS	3 SELECTED	3 SEPARATE
3 SERGEANT	3 SERRATIONS	3 SERVICING	3 SEVERAL
3 SEVERE	3 SHELL	3 SHELTERED	3 SHIM
3 SHOT	3 SHOULT	3 SHUN	3 SIDES
3 SIDEWAYS	3 SIGN	3 SILASTIC	3 SITUPS
3 SKID	3 SLICER	3 SLINGS	3 SMALL
3 SMOOTH	3 SOAPY	3 SOFT-BRISTLE	3 SPECIALIST
3 SPECIALTY	3 SPECTROMETRIC	3 SPOTS	3 STAY
3 STEM	3 STOPPED	3 STOPWATCH	3 STRIKING
3 STROKE	3 SUBMITTING	3 SUBTRACT	3 SUPE
3 SWEEP	3 TAG/	3 TARGET	3 TEF
3 TESTING	3 THICKNESS	3 THOSE	3 THREAD
3 THRU	3 THUMB	3 TOLERANCE	3 TOPPLES
3 TOURNIQUET	3 TRAIN	3 TRANSMITTED	3 TRANSMITTERS
3 TUBING	3 TURNED	3 TWO-THIRDS	3 UH-1P
3 UNCLASSIFIED	3 UNCOVER	3 UPWARD	3 USAGE
3 VALVE	3 VERIFY	3 VIII	3 VISIBLE
3 WHITE	3 WIRING	3 YEAR	2 +2C
2 A-1	2 ACTIVITIES	2 ADAPTERS	2 ADVANCEMENT
2 AERONAUTICAL	2 AHEAD	2 AIRTIGHT	2 ALIPHATIC
2 ALLOWING	2 ALMOST	2 ALONG	2 ALTERNATE
2 AMMUNITION	2 AMOUNT	2 ANCHOR	2 ANCHORED
2 ANTISEIZE	2 APPT	2 APO	2 APPEARS
2 APPLYING	2 APPROVED	2 ARRANGED	2 ARRIVED
2 ASSIGNMENT	2 ATROPINE	2 ATTENTION	2 AUTO
2 AVOID	2 AWARD	2 AZIMUTHS	2 B-1
2 BACKWARD	2 BAFFLES	2 BARRIER	2 BASIS
2 BATT	2 BATTERED	2 BEACON	2 BEAM
2 BECOMES	2 BELLMOUTH	2 BEND	2 BEODS
2 BENT-LEG	2 BLACK	2 BLANKET	2 BLEND
2 BLISTERING	2 BLOWER	2 BOARD	2 BODIES
2 BOILING	2 BOLTHOLE	2 BOLTHOLES	2 BOLTED
2 BONE	2 BOOTS	2 BORE	2 BOSS
2 BOTTOMING	2 BREVITY	2 BPT	2 BUBBLES
2 BUCKETS	2 BUFFER	2 BULGES	2 BULLET
2 BULLETINS	2 BURRS	2 BY--	2 CALCULATED
2 CARBOX	2 CANNON	2 CAPS	2 CARTERS
2 CANVAS	2 CARDS	2 CASES	2 CATHODIES
2 CBR	2 CENTERLINE	2 CERTAIN	2 CERTIFICATION
2 CHAMFERED	2 CHARACTERISTICS	2 CHARGING	2 CHECKING
2 CHEMICALBIOLOGICAL	2 CHEST-PRESSURE	2 CHIP-UP	2 CHROMIC-ACID
2 CHUCK	2 CLEARS	2 CLICKS	2 CLOGGING
2 CLOSES	2 COLLAPSE	2 COLLARED	2 COMES
2 COMMAND	2 COMMANDANT	2 COMMANDERS	2 COMMANDERS
2 COMPLETENESS	2 COMPLETING	2 COMPLEXITY	2 CONDITIONER
2 CONNECTING	2 CONNECTION	2 CONTAINERS	2 CONTROLLING
2 CORE	2 CORRECTLY	2 CORRESPONDING	2 CORRODED
2 COULD	2 COUNTING	2 COUPSES	2 CRAMPS

FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD
2 CRITERIA	2 CRITICALITY	2 CROSS-TUBE	2 CRUSH
2 CYCLE	2 DEBRIS	2 DECLINATION	2 DEFUELED
2 DELAY	2 DELIVERY	2 DEMONSTRATE	2 DEPOT
2 DEPRESSION	2 DETERIORATION	2 DEVELOPED	2 DIAGNOSED
2 DIAGRAM	2 DIAL	2 DIFFERENCES	2 DIFFICULTY
2 DIMINISHED	2 DIRECTIVE	2 DIRECTLY	2 DISASSEMBLED
2 DISPOSE	2 DISPOSITION	2 DONUT	2 DOSE
2 DOWNWARD	2 DRESSINGS	2 DRINKING	2 DS
2 EARTH	2 EDGES	2 EERIS	2 EIGHT-EIGHT
2 EMPTY	2 ENGAGE	2 ENGINES	2 ENVELOPE
2 ENVIRONMENT/L	2 ESTIMATE	2 ESTIMATED	2 EVIDENCE
2 EXACTLY	2 EXAMINE	2 EXAMPLES	2 EXCEEDED
2 EXCEPTION	2 EXCESSIVE	2 EXHALATION	2 EXPECTED
2 EXPLOSION-PROOF	2 EXPOSE	2 EXTENDED	2 EXTERNALLY
2 EXTINGUISHER	2 EYELASHES	2 EYELID	2 FASTEST
2 FEASIBLE	2 FINGER	2 FIRE	2 FLAG
2 FOAM	2 FOLD	2 FOLLOWUP	2 FORCEFULLY
2 FORMED	2 FOURTH	2 FL-18	2 G-M
2 GALLONS	2 GENTLY	2 GETTING	2 GIVING
2 GOGGLES	2 GOLF	2 GLUE	2 GRAVITY
2 GREATER	2 GS	2 GUN	2 GZ
2 HAIRY	2 HANDGUARDS	2 HANDKERCHIEF	2 HANDLES
2 HANDS-ON	2 HANGAR	2 HARD	2 HARNESSES
2 HEART	2 HELICOPTERS	2 HIGHEST	2 HILL
2 HOLDING	2 IDENTIFIES	2 ILLUSTRATION	2 IMPROVE
2 INCLUDED	2 INCR	2 INDICATION	2 INITIALS
2 INITIATIVE	2 INPUT	2 INSTRUMENTS	2 INTAKE
2 INV	2 INVENTORY	2 IRRITANT	2 ITEMS
2 JAWS	2 JET	2 K4B4	2 K4D4
2 LADDER	2 LATCHING	2 LATER	2 LEAKED
2 LEATHER	2 LEGS	2 LICENSED	2 LIP
2 LOCKING	2 LOST	2 LUVEST	2 LST
2 LUBRICATING	2 MAGAZINE	2 MAGNET	2 MAINTAINING
2 MAKING	2 MALLET	2 MAY	2 MARGINAL
2 MARKSMANSHIP	2 MASCULINE	2 MASKED	2 MATCH
2 MEASURED	2 METEOROGRAPHIC	2 METHYL-ETHYL-KETONE	2 MID-TRAVEL
2 MILDEW	2 MISSION	2 ML	2 MMP
2 MODERATE	2 MODIFIED	2 MOLDING	2 MOREOVER
2 MOTOR	2 MOUTH-TO-MOUTH	2 MOVING	2 MUSHROOM
2 MUZZLE	2 N	2 NAILS	2 NAPTHA
2 NCO	2 NEARLY	2 NECESSARILY	2 NET
2 NOMEX	2 NOSTRILS	2 NOTICE	2 NOW
2 O'CLOCK	2 OBSERVATION	2 OBSERVING	2 OBVIOUS
2 OLD	2 ONE-EIGHTH	2 ONE-MILE	2 ONE-THIRD
2 ONES	2 OPERATIONS	2 OPTION	2 OUTDOORS
2 OUTWARD	2 OVER-TRAVEL	2 OVERHAULS	2 OWN
2 P-SERIES	2 PACKAGE	2 PACKINGS	2 PARAGRAPH
2 PASS	2 PASSES	2 PASSING	2 PAST
2 PATTERNS	2 PAY	2 PD-680	2 PENCILS
2 PERMIT	2 PERMITS	2 PERMITTED	2 PERTAINING

FREQUENCY/WORD		FREQUENCY/WORD		FREQUENCY/WORD		FREQUENCY/WORD	
2	PICK	2	PICTURE	2	PINT	2	PISTON
2	PIVOT	2	PLANETARY	2	PLASTIC	2	PLATFORM
2	PLIERS	2	PLUGS	2	PLUMBING	2	POCKET
2	POLISHING	2	PORTIONS	2	POSITIVE	2	POTENTIAL
2	PRECAUTIONS	2	PRELOAD	2	PRESS	2	PRESSURES
2	PREVIOUS	2	PRIMER	2	PRIMES	2	PROMOTED
2	PUBLISHED	2	PUPILS	2	PUSHUPS	2	RAG
2	REACHED	2	REASONS	2	RECEIPT	2	RECEPTACLE
2	RECLASSIFICATION	2	RECOMMEND	2	RECOMMENDATIONS	2	RECORDED
2	REFERRING	2	REFLECT	2	REFRESHER	2	RELATIONSHIP
2	RELEASING	2	REMAINDER	2	REMAINING	2	REMASK
2	REPAIR/	2	REPAIR/OVERHAUL	2	REPEATED	2	REPEATEDLY
2	REPLACEMENT	2	REPORTABLE	2	RESPONSIBLE	2	RESTORING
2	RESTRICT	2	RETAIN	2	RETORQUE	2	RETRACT
2	REWARDING	2	RIGHT	2	ROPE	2	ROTATED
2	ROTATING	2	ROTATION	2	RUNNING	2	SALT
2	SANDPAPER	2	SATISFACTORILY	2	SCRIB	2	SEALANT
2	SEALED	2	SEALING	2	SLATING	2	SECURED
2	SEQUENCED	2	SERGEANTS	2	SHACKLE	2	SHAFTS
2	SHAKE	2	SHARP	2	SHEAR	2	SHIELD
2	SHIELDING	2	SHOES	2	SHOULDER	2	SHOWN
2	SIMULATED	2	SITES	2	SIZE	2	SLIGHTLY
2	SLIPPAGE	2	SLOT	2	SNUG	2	SOON
2	SPECIFIES	2	SPLINTS	2	SPT	2	STABILIZER
2	STABLIZER	2	STANDS	2	STANDBY	2	STERILE
2	STIFF-BRISTLE	2	STILL	2	STORED	2	STOWED
2	STRAIGHT-LINE	2	STRAP	2	STRIPPED	2	STUD
2	STUDY	2	STUDYING	2	SUBASSEMBLY	2	SUBMITS
2	SUBORDINATE	2	SUPERVISE	2	SUPPLEMENTARY	2	SWABS
2	SYEGS	2	SYMBOL	2	S3	2	T
2	TAB/LABEL	2	TAKING	2	TAP	2	TAXIED
2	TCA	2	TEAC	2	TEAR	2	TECHNICIAN
2	TELLS	2	TEMPERATURE	2	TERMINAL	2	THEREAFTER
2	THROUGHOUT	2	THROWOUT	2	THUMBS	2	TIGHTENED
2	TILT	2	TIME-IN-SERVICE	2	TIRES	2	TIP
2	TIPS	2	TITLES	2	TOUCH	2	TOUCHING
2	TRAIL	2	TRANSPORT	2	TRICHLOROETHYLENE	2	TRUE
2	TRY	2	TURBOBLOWER	2	TURCO	2	TURNING
2	TWISTING	2	THX	2	T1C220	2	T1C1414
2	T101452	2	UH-1C/M	2	UH-1D/H	2	UH-1
2	UH-1H	2	UNIFORM	2	UNITS	2	UNSHACKLE
2	UTILITY/HYDRALLIC	2	UUT-106	2	VIEW	2	VOICE
2	WAIT	2	WALK	2	WANT	2	WANTS
2	WARNING	2	WASHING	2	WELL-VENTILATED	2	WET
2	WIDE	2	WIDTH	2	WINDOW	2	WOMEN
2	WOOL	2	WORKING	2	WOULD	2	WRITE
2	WRITTEN	2	WRONG	2	X'S	2	XI
2	YEARS	2	YELLOW	2	ZIP	1	
1	ATOR	1	EAR	1	JUST	1	OUT
1	UIRED	1	*	1	**	1	**AVAILABLE

FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD
1 ATHE	1 A	1 ALSE	1 NLALS
1 A-2	1 A-3	1 A-4	1 A-5
1 ABDOMINAL	1 ABRASIONS	1 ACADEMY	1 ACADEMY**
1 ACCEPTABLE	1 ACCOMPANY	1 ACCOMPLISHES	1 ACCOMPLISHMENT
1 ACCOUNT	1 ACCUMULATION	1 ACCURATELY	1 ACHIEVED
1 ACID	1 ACIDS	1 ACRESS	1 ACT
1 ACTS	1 ACTUATING	1 ADAPTER	1 ADDING
1 ADDITIONALLY	1 ADJUSTABLE	1 ADVANCE	1 ADVERSE
1 AFFIX	1 AGE	1 AGENCY	1 AGITATE
1 AGITATING	1 AGENT	1 AIR-DRY	1 ALERT
1 ALLOWABLE	1 ALLOWANCES	1 ALREADY	1 ALTERNATELY
1 AMONG	1 AMOUNTS	1 AMS	1 AMYL
1 AND-19	1 ANNOTATE	1 ANNUALLY	1 ANSWER
1 ANTIDRIVE	1 AN 960-416	1 APART	1 APLICABLE
1 APP	1 APPEARANCE	1 APPLICATION	1 APPROVING
1 APPROXIMATE	1 APRON	1 APTITUDE	1 AGITATE
1 ARBITRARILY	1 ARBITRARY	1 ARMPITS	1 ARMY'S
1 ARRIVAL	1 ARTERY	1 ASISTANCE	1 ASPECTS
1 ASSEMBL	1 ASSEMBLED	1 ASSOCIATING	1 ASSOCIATION
1 ASSUME	1 ASSUMPTION	1 ASSYMBLY	1 ATSP-TC-ITC
1 ATTACKS	1 ATTAIN	1 ATTEMP	1 ATTENDED
1 ATTN	1 AUTOMATIC	1 AUTOMOBILE	1 AUTOVON/COMMERCIAL
1 AVIATOR	1 AVIONICS	1 AXIS	1 AZIMATH
1 B-2	1 B-3	1 B-4	1 B-5
1 B-6	1 B-7	1 BACKGROUND	1 BAFFLE
1 BALANCES	1 BALL	1 BALLPOINT	1 BALTIMORE
1 BANG	1 BARS	1 BATTERIES	1 BECOMING
1 BEHIND	1 BELL	1 BELONGS	1 BELTS
1 BENCH	1 BENDERS	1 BENDING	1 BENT
1 BEVEL	1 BEVELED	1 BICARBONATE	1 BLINDNESS
1 BLISTER	1 BLOCK-BY-BLOCK	1 BLOCKER	1 BLOT
1 BLOCKING	1 BLUE	1 BLUE-WHITE	1 BOCKS
1 BOIL	1 BONES	1 BOOKS	1 BOTTOMS
1 BOULEVARD	1 BREAKERS	1 BREATHER	1 BRIDGADE
1 BRIDGE	1 BRIEF	1 BRIEFLY	1 BRIGADE
1 BRIGHTENER	1 BRIGHTNESS	1 BROWN	1 BRUSHES
1 BUILD	1 BUILT	1 BULL'S-EYE	1 BURNED
1 BUSLING	1 BUTTONS	1 C-RATION	1 CABLE'S
1 CAGE	1 CALIBRATE	1 CALIBRATED	1 CALL
1 CALLED	1 CALM	1 CAMOUFLAGING	1 CANADIAN
1 CANNED	1 CAPABILITY	1 CAPSULE	1 CAPTIVE
1 CARBURETOR	1 CAREFUL	1 CASUALTIES	1 CATALOG
1 CAUSTICS	1 CERE	1 CENTIMETERS	1 CHANGED
1 CHAP	1 CHARCOAL	1 CHARGE	1 CHANGED
1 CHECK	1 CHEMICAL-AGENT	1 CHLORIDE-SOLUTION	1 CHOICE
1 CHOKING	1 CIRCLE	1 CIRCUIT	1 CIRCULARS
1 CIRCUMSTANCES	1 CLAMPING	1 CLEANSED	1 CLIMATE
1 CLINCH	1 CLOGGED	1 CLOSEDCIRCUIT	1 CLOSEST
1 CLOSING	1 COATED	1 COG	1 COLDEST
1 COLORS	1 COLUMNS	1 COMBAT-READY	1 COMBUSTIBLE

FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD
1 CORE	1 COMMENSURATE	1 COMFORT	1 COMMERCIAL
1 COMMON/SPECIAL	1 COMPARE	1 COMPARTING	1 COMPARTMENT
1 COMPENSATION	1 COMPETE	1 COMPONENTS	1 COMPRISED
1 CONCENTRATION	1 CONCERNED	1 CONDENSATION	1 CONDITIONS
1 CONDITIONS	1 CONDITIONS	1 CONDUCTED	1 CONDUCTING
1 CONE	1 CONFIGURATION	1 CONFIRMED	1 CONDITIONS
1 CONSIDERABLE	1 CONSIDERATIONS	1 CONSISTING	1 CONSOLE
1 CONSTANT	1 CONSTANTLY	1 CONSTRAINTS	1 CONTAINING
1 CONTINUATION	1 CONTINUING	1 CONTROLS	1 CONTRACTION
1 CONVERTING	1 COOLANT	1 COPY	1 CORD
1 CORNERS	1 CORRECTNESS	1 CORRESPONDENCE	1 CORROSION-AFFECTED
1 COUNTERPART	1 CRACKED	1 CRATER	1 CRAVAT
1 CRAWL	1 CREATE	1 CROSSES	1 CROSSTHREADED
1 CRUSHED	1 CUF	1 CURLED	1 CURVED
1 CURVED-LINE	1 CURVELINE	1 CUT-OUT	1 CUTTING
1 DAMP	1 DARK	1 DARKEN	1 DEC
1 DECONTAMINATING	1 DECR	1 DEFERRUSTBITE	1 DEFICIENCY
1 DEFINITELY	1 DEFORMATION	1 DEGREE	1 DEMONSTRATED
1 DENSE	1 DENTS	1 DENTURES	1 DEPARTMENT
1 DEPENDENT	1 DEPICTED	1 DEPRESERVED	1 DEPRESS
1 DEPTH	1 DESCRIBES	1 DESCRIBING	1 DESIGN
1 DESIGNATES	1 DESIGNATORS	1 DESIRE	1 DETACHED
1 DETAILED	1 DETECT	1 DETECTABLE	1 DETERMINE
1 DETENT	1 DETERMINATION	1 DETERMINES	1 DETERMINING
1 DEVELOP	1 DEVELOPING	1 DIFFERENCE	1 DIFFICULT
1 DIGITAL	1 DIM-BRIGHT	1 DIMENSIONAL	1 DIRECTED
1 DIRECTION--UP	1 DISCOLORATION	1 DISCUSS	1 DISINFECT
1 DISKS	1 DISPENSED	1 DISPOSE	1 DISRUPTIVE
1 DISSOLVED	1 DISTANT	1 DISTINCTIVE	1 DISTORTION
1 DISTRIBUTE	1 DISTRIBUTED	1 DISTURBED	1 DIVIDE
1 DOCTRINAL	1 DOD	1 DOUBT	1 DOWEL
1 DOWNRANGE	1 DRAINING	1 DRAINS	1 DRIED
1 DRINK	1 DRIP	1 DROOP	1 DUCTING
1 DUCTS	1 DUE/OVERAGE	1 DUTIES----------	1 DYE
1 E-3	1 E-6'S	1 E-9	1 EASE
1 EASIER	1 EAST	1 EASTERN	1 ECHO
1 EB-LK	1 ELECTRIC	1 ELECTRICALLY	1 ELIMINATION
1 EMER	1 EMPLOY	1 ENCODED	1 ENCOURAGED
1 ENEMY	1 ENERGIZE	1 ENERGIZED	1 ENGAGING
1 ENERGIZED	1 ENCLOSED	1 ENGINE	1 ENTERING
1 ERECT	1 EROSION	1 ERRONEOUSLY	1 ESPECIALLY
1 ESS-BUS	1 ESTIMATING	1 ET	1 EUSTIS
1 EVACUATION	1 EVERYTHING	1 EXAMINED	1 EXAMPLE--
1 EXCEPT	1 EXCESSIVELY	1 EXCLUDE	1 EXCLUDING
1 EXERTING	1 EXERTION	1 EXHALE	1 EXIST
1 EXIT	1 EXPECTS	1 EXPEDIENT	1 EXPENDED
1 EXPERIENCE	1 EXPERT	1 EXTEND-RETRACT	1 EXTENDS
1 EXTENT	1 EXTINGUISHED	1 EXTREMELY	1 EXTREMITIES
1 EYEBALL	1 EYEPIECES	1 FACE--CLEVER	1 FACES
1 FACILITATE	1 FACILITIES	1 FAIL	1 FAIR-LEAD

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
1	FAIRINGS	1	FALL	1	FALLEN	1	FALLING
1	FAN	1	FANNING	1	FAYING	1	FEDERAL
1	FEED	1	FEEL	1	FEELS	1	FEET--PLACE
1	FELLOW	1	FEMININE	1	FEW	1	FIG
1	FILING	1	FILLING	1	FIRE	1	FINGER-TIGHT
1	FINGERS	1	FIREBALL	1	FIRST-AID	1	FITS
1	FITTED	1	FIVE-EIGHT	1	FIXED	1	FLANGES
1	FLAP	1	FLARING	1	FLASHING	1	FLASHLIGHT
1	FLASHLIGHTS	1	FLATTEN	1	FLEXCOUPLINGS	1	FLOURS
1	FLUIDS	1	FLUSHING	1	FOCUS	1	FOLDED
1	FONARD	1	FOOD	1	FOOT-POUNDS3	1	FOR--
1	FORARD	1	FORCED	1	FORE	1	FORMAL
1	FORT	1	FORWARDED	1	FOUR-WAY	1	FRACTION
1	FRAYED	1	FRAYING	1	FREQUENTLY	1	FRESH
1	FRICTION	1	FROSTBITEN	1	FROSTBITTEN	1	FSCM
1	FULLEST	1	FUNCTIONAL	1	FUNCTIONING	1	FUNDAMENTALS
1	FUTURE	1	GAINS	1	GALLON	1	GAUZE
1	GENDER	1	GENDERS	1	GENEROUS	1	GENTLE
1	GERMICIDAL	1	GIANT	1	GLARING	1	GRADES
1	GRIPS	1	GRIT	1	GROOVED	1	GROUNDS
1	GROUPS	1	GTA	1	GUARDS	1	GUIDANCE
1	GUPS	1	GUSTY	1	HAIRLINE	1	HAMMERS
1	HANDBOOK	1	HANDS--PLACE	1	HASTEN	1	HAZARDOUS
1	HARDWARD	1	HARNELL	1	HARNING	1	HAVING
1	HEADQUARTERS	1	HEARD	1	HEARING	1	HEARTBEAT
1	HEELS	1	HELD	1	HELMET	1	HELPING
1	HEXAGON	1	HIGH-SPEED	1	HIGHLY	1	HINDERED
1	HITTING	1	HOISTING	1	HOUR	1	HUGY
1	HUMID	1	HUNDRED	1	HUNDREDS	1	HYDRAULICS
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1	IDENTIFIABLE	1	IDENTIFYING	1	IGNITER	1	IGNITION
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1	IMPORTANT	1	IMPRACTICAL	1	IMPRODER	1	IMPROVING
1	INBOARD	1	INCAPACITATING	1	INCH-POUND	1	INCREASE
1	INCREASINGLY	1	INDEPENDENT	1	INDEXED	1	INDICATIONS
1	INDICATORS	1	INDOORS	1	INDUCTION	1	INFLATIONS
1	INITIALLY	1	INJECTOR	1	INSERTS	1	INOPERABLE
1	INQUIRE	1	INSERTS	1	INSTALLATIONS	1	INSTALLTION
1	INSTART	1	INSTEAD	1	INSTRUCTION	1	INSURING
1	INTERMEDIATE	1	INTENDED	1	INTENSIFIES	1	INTERFERE
1	INTERFERENCE	1	INTERPRET	1	INTERPRETED	1	INTERSECT
1	INTERVALS	1	INVERTED	1	INVERTER	1	INVERTERS
1	INWARD	1	IRRITATING	1	ITEMS	1	JACKING
1	JULIET	1	JUMPER	1	JUST	1	JUTTING-OUT
1	KEYED	1	KING	1	KITTER	1	KNEAD
1	KEE	1	KNEEL	1	KNOTS	1	KNOWLEDGE
1	KSP	1	LA	1	LAMINATION	1	LAMP
1	LANDINGS	1	LANDMARKS	1	LATERALLY	1	LAYER
1	LB	1	LC	1	LEADING	1	LEARNING
1	LFC	1	LETHAL	1	LF	1	LIBRARIES

FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD
1 LIBRARY	1 LICENSE	1 LIE	1 LIES
1 LIGHTS	1 LIGHTLY	1 LIKE	1 LIKEWISE
1 LIMITED	1 LINEAR	1 LINKAGES	1 LIQUID
1 LIQUIDS	1 LISTED	1 LISTS	1 LNTERNAL
1 LOAD	1 LOCATING	1 LOCATIONS	1 LOCKOUT
1 LONGEST	1 LONGITUDINAL	1 LOOKS	1 LOOSELY
1 LOOSENED	1 LOOSENESS	1 LOSS	1 LOSSES
1 LOW-SPEED	1 LUG	1 LUGS	1 LUGS
1 LP	1 LPO	1 L1/4	1 MACHINE-SCRABLE
1 MAGNESIUM	1 MAINTAINED	1 MAINTAINS	1 MAJORITY
1 MANUFACTURER	1 MAPS	1 MAGNETIC	1 MARCH
1 MARKING	1 MARYLAND	1 MASSACT	1 MASTERED
1 MASTERS	1 MAYBE	1 MEANING	1 MEANTIME
1 MEASUREMENTS	1 MECHANICAL	1 MECHANICALLY	1 MEMBER
1 MEMBERS	1 MENDEL	1 MENTAL	1 MENTALLY
1 MESH	1 MESS	1 METHYL-ETHYLKETONE	1 MID-POINT
1 MIDDLE	1 MIGHT	1 MIKE	1 MIL-C-25378
1 MIL-H-832282	1 MIL-L-6081	1 MIL-L-6082	1 MINIMIZE
1 MINUS	1 MISALINEMENT	1 MLC	1 MODULARLY
1 MOLY	1 MONEY	1 MONITORING	1 MOTHS
1 MOTIVATION	1 MOUNTINGS	1 MOUTH-TO-MOUTH	1 MOUTHTO-MOUTH
1 MOVABLE	1 MOVES	1 MS[illegible]-042	1 MUCH
1 MUD	1 MULTIMETER	1 MULTIPLIER	1 MULTIPLY
1 MUSCLE	1 NAV	1 NAVIGATING	1 NCOS
1 NECESSITATE	1 NEEDLE	1 NEUTRAL	1 NICKED
1 NICKELCADMIUM	1 NIGHT	1 NIPPLE	1 NITRITE
1 NITROGEN	1 NOISE	1 NOISY	1 NON-ESS
1 NON-SELF-PURGING	1 NONAIRCRAFT	1 NONCOMMISSIONED	1 NONDESTRUCTIVE
1 NONES TOT, TI	1 NONMETALLIC	1 NONSELF-PURGING	1 NOP
1 NOPLIY	1 NORTH-SOUTH	1 NORTHSOUTH	1 NOSE-DOWN
1 NOSECOP	1 NOTCHED	1 NOTCH	1 NOTIFY
1 NOTING	1 NOSS-470	1 NUMERICALLY	1 NUMEROUS
1 O	1 OBSERVERS	1 OBSERVER	1 OBSTRUCTION
1 OBSTRUCTIONS	1 OCCUR	1 OFTEN	1 ON-THE-JOB
1 ONE-TIME	1 OO	1 OPEN--	1 OPERATIVE
1 OPPORTUNITIES	1 OPTIONAL	1 ORGANIZATIONAL	1 ORGANIZATIONS
1 ORGANIZED	1 ORIGINATOR	1 ORIENTED	1 ORIGINAL
1 ORLEATSE	1 OUNCES	1 OUTLIFE	1 OUTLINES
1 OUTPUT	1 OVERALL	1 OVERBOARD	1 OVERFLOWING
1 OVERHEATED	1 PACK	1 PACKED	1 PADDING
1 PAIN	1 PAINT	1 PALM	1 PALMS
1 PAMPHLETS	1 PANS	1 PACE	1 PAPA
1 PARKING	1 PARTIALLY	1 PARTICIPATING	1 PASSAGES
1 PECULIAR	1 PERCENT	1 PERFOR	1 PERFORM
1 PERFORMANCE	1 PERHAPS	1 PERIODICALLY	1 PERMISSABLE
1 PERPENDICULAR	1 PERSISTENT	1 PERSONNELS	1 PERTINENT
1 PETROLEUM	1 PIECES	1 PIN-TYPE	1 PINCHING
1 PINPOINTING	1 PISTOL	1 PIVOTED	1 PIVOTS
1 PLAIN	1 PLANNING	1 PLASTILUBE	1 PLAY
1 PLOTTED	1 PLUGS	1 PLUNGER	1 PLUS

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1 PRELDRAULIC	1 POCKETS	1 POINTED	1 POLARITY
1 POLICE	1 POLICED	1 POLICIES	1 POPS
1 PORTABLE	1 POSITIONED	1 POSTAGE-PAID	1 POSTERS
1 POSTING	1 POUR	1 POURING	1 POWDER
1 PRACTICAL	1 PREADDRESSED	1 PRECEDING	1 PREFIXES
1 PREPARING	1 PRESCRIBE	1 PRESENCE	1 PRESSED
1 PRESSURE-SENSITIVE	1 PRINCIPLE	1 PRODUCING	1 PROFESSIONAL
1 PROFICIENT	1 PROGRESSION	1 PROMOTE	1 PRONE
1 PROP	1 PROTECTION	1 PROVED	1 PSYCHOLOGICAL
1 PULLED	1 PURGED	1 PUSH-PULL	1 QARRISON
1 QLOVES	1 QRADE	1 QUALITY	1 QUART
1 QUESTIONABLE	1 QUICK	1 QUICKLY	1 RAIL
1 RAIN	1 RANGES	1 RAPIDS	1 RATCHET
1 RATES	1 RAWHIDE	1 READILY	1 READINESS
1 READY	1 REASSURE	1 RECEIVING	1 RECESS
1 RECOGNIZING	1 RECLAIMING	1 REDUCED	1 REENLIST
1 REESTABLISH	1 REFRAIN	1 REINFORCE	1 REINSPECTED
1 RELATE	1 RELAX	1 RELEASED	1 RELIEVE
1 REPAIRS	1 REMOVED/INSTALLED	1 REPLACING	1 REPORTED
1 REPORTING	1 REPORTING	1 REPORTING	1 REPRESENTATIVES
1 REPRESENTIVE	1 REQUEST--CONTINUATION	1 REQUIRES	1 REQUISITIONED
1 RESEAL	1 RESIDENT	1 RESISTANCE	1 RESORT
1 RESPECTIVE	1 RESTING	1 RESTS	1 RESULT
1 RESUMES	1 RETAKE	1 RETIREMENT	1 REVEALED
1 REVERSE	1 REVERSING	1 RIBS	1 RIGHTANGLED
1 RIGID	1 RIGS	1 RIPCS	1 RIPSED
1 RINSING	1 RIPS	1 RISES	1 RIVETS
1 ROCK	1 ROCKS	1 ROLLED	1 ROOT
1 ROTATES	1 ROUGHNESS	1 ROUND	1 ROUTES
1 RULER	1 RUNNY	1 RUNWAYS	1 SADDLE
1 SAFETYING	1 SALE	1 SALMON	1 SALTWATER
1 SAMPLING	1 SANDBAGGING	1 SATISFACTORY	1 SATISFIED
1 SAVE	1 SCHEDULE	1 SCHOOLS	1 SCISSOR
1 SCREWDRIVER	1 SCREWHEAD	1 SCRAPER	1 SEARCH
1 SEASON	1 SECURELY	1 SECURES	1 SECURING
1 SEDIMENT	1 SEEK	1 SELECTING	1 SELF-CLOSING
1 SELF-LOCKING	1 SELF-STUDY	1 SEMIAUTOMATIC	1 SENDING
1 SENIOR-IN-CHARGE	1 SENSITIVE	1 SENT	1 SEPARATION
1 SEQUENCES	1 SERIOUS	1 SERRATION	1 SERVES
1 SERVES	1 SETTLED	1 SEVERELY	1 SEVERITY
1 SHALE	1 SHADED	1 SHADOWS	1 SHADY
1 SHALL	1 SHANK	1 SHAPE	1 SHEETS
1 SHELF	1 SHIFT	1 SHIMMED	1 SHIPMENT
1 SHORTCOMING	1 SHORTEN	1 SHOULDERS	1 SHOWS
1 SHUT	1 SHUTTLE	1 SIDE-CARRY	1 SIGHTING
1 SIGNS	1 SIMILAR	1 SKIES	1 SKILLED
1 SI	1 SLIDING	1 SLIT	1 SLOPE
1 SLOTTED	1 SMOOTHLY	1 SMK	1 SNAKEBITES
1 SNAPPING	1 SNOW	1 SNUGLY	1 SOAK
1 SOCKETS	1 SODIUM	1 SOFT-BRISTLED	1 SOILED

FREQUENCY/WORD		FREQUENCY/WORD		FREQUENCY/WORD		FREQUENCY/WORD	
1	SOLES	1	SOLID	1	SOLUBLE	1	SOLUTIONS
1	SOMETIMES	1	SOMEWHERE	1	SOUGHT	1	SOUNDS
1	SPACED	1	SPACERS	1	SPAR	1	SPECIALIZE
1	SPECIFICALLY	1	SPECIFICATION	1	SPECIFY	1	SPLINTING
1	SPLITS	1	SPONGE	1	SPOT	1	SPRAYING
1	SPREAD	1	SPRINGS	1	SQTS	1	SQTZ
1	ST	1	STACKUP	1	STALLATION	1	STANDING
1	STARTED	1	STARTER-GENERATOR	1	STARTER-SWITCH	1	STARTS
1	STATE	1	STATED	1	STATEMENTS	1	STATION
1	STB	1	STIFF	1	STOP-ARM	1	STOW
1	STRAIGHTEN	1	STRENGTH	1	STRESSING	1	STRETCH
1	STRUCTURAL	1	STRUTS	1	STUCK	1	SUBCOURSE
1	SUBJECT	1	SUBMITTED	1	SUBTRACTING	1	SUCCESSFUL
1	SUCCESSFULLY	1	SUFFERING	1	SUFFIXES	1	SUITLIGHT
1	SUPERFICIAL	1	SUPERVISION	1	SUPPLYING	1	SUPPORTED
1	SURGICAL	1	SURROUND	1	SUSPED	1	SUSPENSION
1	SWEENEY	1	SWEPT	1	SWF126330	1	SWF124378
1	SWE126377	1	SWE54	1	SWE67	1	SWFB100
1	SWING	1	SYMPTOM	1	SYNCHRONIZE	1	TABLETS
1	TACHOMETER		TAILGR	1	TAKEDOWN	1	TANKS
1	TAG/LABEL		TAXIWAYS	1	TBO	1	TEASPOONFUL
1	TECH	1	TECHNIQUE	1	TELEPHONE	1	TELL
1	TELEGRAPHY	1	TENDS	1	TERMINALS	1	TEST-FLY
1	TESTED	1	TESTER	1	TESTS	1	TEXT
1	THAN	1	THER	1	THEREFORE	1	THERMAL
1	THICK	1	THREE-DIGIT	1	THREE-EIGHTHS	1	THREE-FOURTHS
1	THUMBJAW	1	TIEDOWNS	1	TIGHT	1	TIGHTENING
1	TIGHTLY	1	TIME-IN-GRADE	1	TIME-INGRADE	1	TITLED
1	TM7	1	TO-COLLECTIVE	1	TODAY	1	TOOL
1	TOLE	1	TONGUE	1	TOWIT	1	TOOTH
1	TOPOGRAPHIC	1	TORN	1	TOUCHES	1	TOXIC
1	TRAINED	1	TRAINEE	1	TRANTIG	1	TRANSACTION
1	TRANSCRIBE	1	TRANSCRIBED	1	TRANSFER	1	TRANSPARENT
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1	TRIGGER	1	TURBINE	1	TUNNEL	1	TURBO
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1	T101458	1	T101460	1	T101488	1	T53-L-13
1	L	1	UH-LB	1	UH-LC	1	UH-LD
1	UH-LD/H'S	1	UH-1H'S	1	UM	1	UNAUTHORIZED
1	UNCONSCIOUS	1	UNDERGO	1	UNDERGONE	1	UNDERSIDE
1	UNDERSTANDING	1	UNINSTALLED	1	UNION	1	UNLESS
1	UNLOCK	1	UNMASKED	1	UNREELED	1	UNUSED
1	UNUSUAL	1	UPDATED	1	USA	1	USABLE
1	USERS	1	USES	1	USUALLY	1	UTENSILS
1	UTILITYTACTICAL	1	V-BANDS	1	VALID	1	VANE
1	VAPORS	1	VARIOUS	1	VARY	1	VEGETATION
1	VEHICLES	1	VERTICALLY	1	VERY	1	VICINITY
1	VICTOR	1	VIOLATIONS	1	VIRGINIA	1	VISIBILITY
1	VISUALLY	1	VOICEMITTER	1	VELLMI	1	VOMITING

FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD
1 WAFERS	1 WAIST	1 WALL	1 WALDS
1 WARFARE	1 WASHINGTON	1 WE	1 WEAK
1 WARFIC	1 WEB	1 WEIGHTS	1 WELL-TRAINED
1 WEST	1 WHEELS	1 WHEREVER	1 WHICHEVER
1 WILLING	1 WILL	1 WIND	1 WINDAGE
1 WIPED	1 WIPEDOWN	1 WORKSTAND	1 WORSE
1 WOUNDED	1 WOUNDS	1 WRAPPED	1 WRAPS
1 WRISTWATCH	1 WRITEUP	1 X-RAY	1 YES
1 YIELDING	1 YOUNGER	1 ZERLES	1 ZIPPERS

HEADQUARTERS
UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND
FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER /
Job No Proj No

JUN 25 1980

WCA
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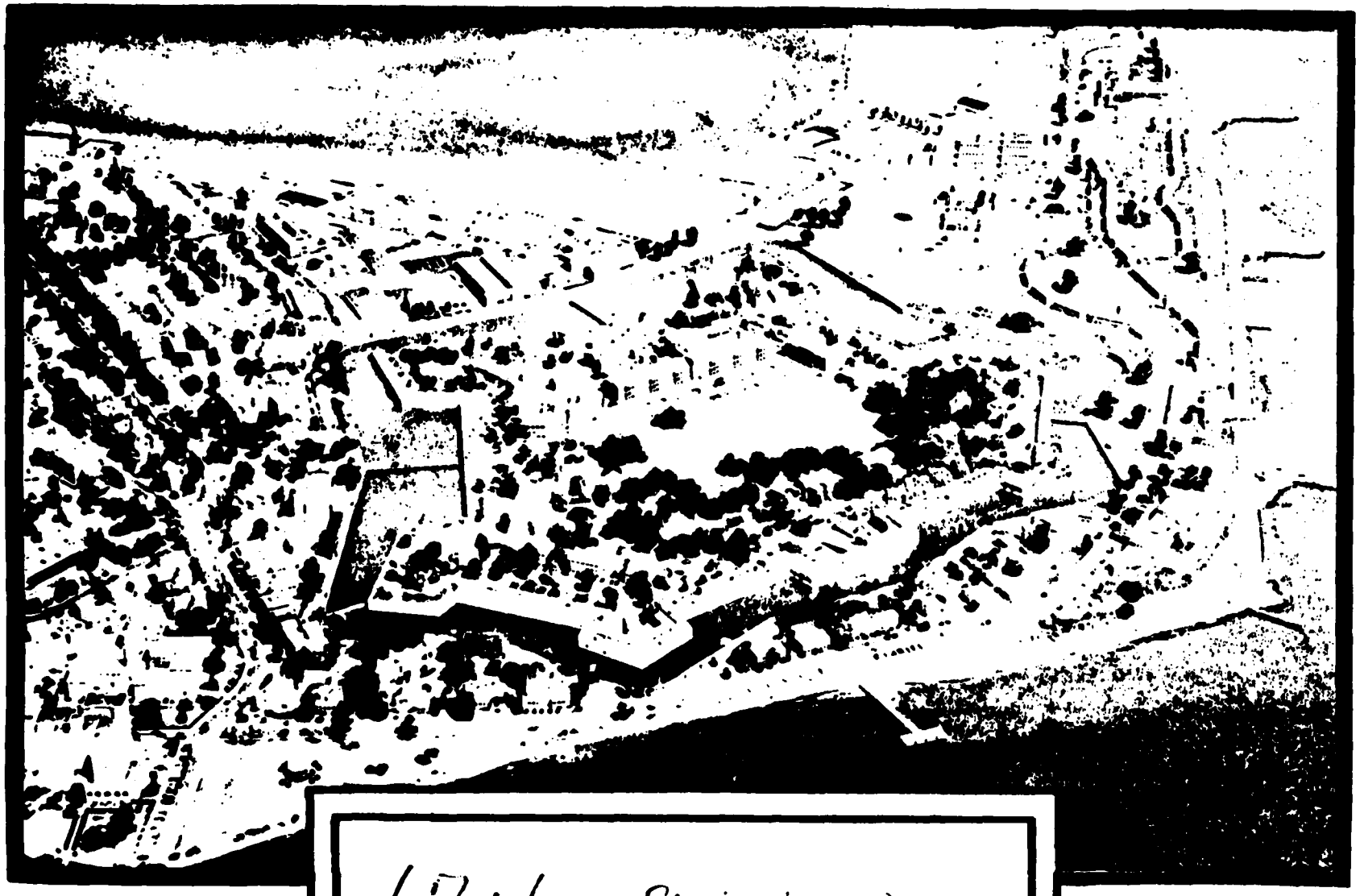

67N Sh 1 of 2

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ATDP FORM 109-1 Replaces ATDS 118-1, Feb 75

SEQUENTIAL DAT MANAGER

6'1 N.

Sk.11 1+2

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SEQUENTIAL DATA MANAGER

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[illegible]	[illegible]												
[illegible]	55.[illegible]	35.2											
[illegible]	[illegible]	27.6	36.6	15.6	24.6	36.6							
[illegible]	[illegible]	[illegible]	16.2										
[illegible]	[illegible]	100.1	94.2										
[illegible]	[illegible]	277.2	135.3	100.2	54.2								
[illegible]	[illegible]	[illegible]	80.1	72.2	200.4	233.[illegible]	150.7	149.1	140.2	137.4			
[illegible]	187.2	2.1											
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	[illegible]	41.2	251.1										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	107.	[illegible]	200.4	65.2	161.1	150.21	100.1	95.2	91.2
	90.2	42.1	250.2	240.2									
[illegible]	[illegible]	50.2	241.2	93.4									
[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	97.2	[illegible]	87.	[illegible]	36.2	90.2	91.2	60.2				
[illegible]	[illegible]	[illegible]	[illegible]	100.	155.	161.3	150.2						
[illegible]	[illegible]	[illegible]	[illegible]										
[illegible]	[illegible]	270.1	277.[illegible]										
[illegible]	243.2												
[illegible]	[illegible]	95.[illegible]	8.1										
[illegible]	[illegible]												
[illegible]	[illegible]	21.0	112.6	42.4	111.2	[illegible]	103.2	103.2	102.2	101.4	100.2	99.2	45.2
	60.[illegible]	47.1	255.2	207.	105.	[illegible]	100.1						
[illegible]	[illegible]	10.1	36.1	47.[illegible]	23.1	15.3	14.2	7.2	4.2	271.1	200.1	150.1	141.2
	91.1												
[illegible]	[illegible]	47.[illegible]	37.2	[illegible]	35.5	30.4	21.1	24.5	22.15	18.8	17.2	16.6	15.4
	[illegible]	10.2	[illegible]	7.5	[illegible]	[illegible]	[illegible]	270.	265.1	251.1	240.5	248.3	246.1
	245.	[illegible]	[illegible]	41.	[illegible]	[illegible]	[illegible]	[illegible]	206.1	205.1	197.1	179.	166.2
	165.1	150.[illegible]	150.33	[illegible]	[illegible]	137.1	[illegible]	130.2	125.2	117.6	111.7	109.4	108.4
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.8	95.4	61.	50.10	40.10	48.2	47.8
[illegible]	[illegible]	[illegible]	17.1	105.2	[illegible]	44.							
[illegible]	43.1	47.2	12.1										
[illegible]	[illegible]	6.	[illegible]	5.	4.								
[illegible]	261.1	5.1	2.2	[illegible]									
[illegible]	[illegible]												
[illegible]	21.2	10.2											
[illegible]	[illegible]	167.1	163.1	150.5	55.2	47.4	40.1	34.1	1.1				
[illegible]	[illegible]	[illegible]	150.4										
[illegible]	[illegible]												
[illegible]	251.1	150.1	150.7										
[illegible]	43.7	47.6	36.10	33.1	34.1	33.2	2.1						
[illegible]	201.1	200.3	150.3	96.4	92.4	92.1	91.2	90.7	58.2				
[illegible]	50.[illegible]	66.											
[illegible]	274.2												
[illegible]	[illegible]	32.1	8.1										
[illegible]	[illegible]												
[illegible]	[illegible]												

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[illegible]              [illegible]
[illegible]              [illegible]
[illegible]              [illegible] [illegible] 57.[illegible] 6.[illegible]
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[illegible]              [illegible] 7[illegible] 70.[illegible]
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[illegible]              [illegible] [illegible] 32.[illegible] [illegible] [illegible] 42.[illegible]
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[illegible]              6.[illegible] [illegible] [illegible] 7.[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 34.2  33.2
                         7[illegible] 6[illegible] 52.[illegible] [illegible] [illegible] 4[illegible] [illegible].4 [illegible] 1[illegible]7.2 1[illegible].2 11[illegible].2 256.1 150.1
                         3[illegible].4 [illegible] [illegible] [illegible].4 [illegible] 25.7 [illegible]
[illegible]              [illegible] [illegible] [illegible] [illegible] 4[illegible] [illegible] 4[illegible] [illegible] [illegible] [illegible] [illegible].2 34.2  35.2
                         3[illegible].2 [illegible] [illegible] 27.[illegible] [illegible]
[illegible]              [illegible] [illegible] [illegible] [illegible] [illegible] 5[illegible]
[illegible]              [illegible] [illegible] [illegible] 6[illegible] [illegible] 50.[illegible] 1[illegible].4
[illegible]              [illegible].2
[illegible]              [illegible] [illegible] [illegible].4
[illegible]              1[illegible].2 9[illegible] [illegible] [illegible] 150.2 14[illegible]
[illegible]              [illegible] [illegible] [illegible].2 [illegible] [illegible] 8[illegible] [illegible].4
[illegible]              [illegible]
[illegible]              [illegible].[illegible] 27.[illegible] 5.[illegible] [illegible] [illegible] [illegible] [illegible] 17.1 [illegible] 10.2  8.[illegible]  7.3  6.1
                         [illegible] [illegible] [illegible] [illegible] [illegible] 44.[illegible] [illegible] 4[illegible] 4[illegible] 4[illegible] [illegible] 37.14 36.[illegible]
                         [illegible] 5[illegible] 70.1 4[illegible] 47.[illegible] [illegible] [illegible].2 17[illegible] [illegible] 5[illegible].1 54.[illegible] 53.1 52.1
[illegible]              [illegible] [illegible].4
[illegible]              [illegible]
[illegible]              [illegible] [illegible].2 [illegible].2 99.4 [illegible] 47.4 [illegible] [illegible].4 1[illegible] [illegible].2 15[illegible].22 [illegible]42.1 [illegible]40.6
                         [illegible] [illegible] 27.[illegible] 257.3 [illegible] 230.[illegible] [illegible] [illegible] [illegible]6.1 [illegible].1 20[illegible].2 201.3 200.4
                         19[illegible]
[illegible]              [illegible] [illegible] 2.[illegible] [illegible].2 6[illegible].3 27.[illegible] [illegible] [illegible] [illegible]
[illegible]              [illegible] [illegible]
[illegible]              [illegible]
[illegible]              [illegible] [illegible] 27.[illegible]
[illegible]              1[illegible].2 [illegible].2 [illegible].2 13.1 25[illegible] 215.[illegible] [illegible]36.2
[illegible]              [illegible] [illegible]8.2 [illegible].4
[illegible]              [illegible] [illegible].2 5.2 [illegible].2 [illegible] 15.2
[illegible]              [illegible] 74.[illegible] [illegible].2 [illegible] [illegible] 97.2 [illegible].2 9.2 6.2 262.[illegible]
[illegible]              [illegible] [illegible]
[illegible]              [illegible].2 [illegible] [illegible] [illegible].2 [illegible] 50.[illegible] 94.2
[illegible]              [illegible] [illegible] [illegible] [illegible]
[illegible]              [illegible].3 141.6 12[illegible].18 12[illegible] 66.[illegible] 230.2 [illegible]
[illegible]              [illegible] 150.2 [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]              [illegible]
[illegible]              [illegible] 3.[illegible]
[illegible]              [illegible].2 [illegible] [illegible]28.4 [illegible] [illegible] 3.[illegible]
[illegible]              [illegible]
[illegible]              [illegible] [illegible] [illegible].2 [illegible] [illegible] 64.1 26[illegible]
[illegible]              4[illegible]
[illegible]              [illegible]
[illegible]              [illegible] 64.[illegible]
[illegible]              [illegible]
```

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1	[illegible]	[illegible]	[illegible]	[illegible]										
	[illegible]	4.4												
1	[illegible]	[illegible]	[illegible]											
1	[illegible]	55.												
1	[illegible]	[illegible]	25.2											
1	[illegible]	[illegible]	7.	15.2	17.2	16.2	51.2	47.2	36.2	32.2				
	[illegible]	[illegible]												
	[illegible]	17.												
	[illegible]	47.	[illegible]											
1	[illegible]	[illegible]	2.1	182.1	225.2	250.4	247.2	214.2	20[illegible].8	200.7				
1	[illegible]	5.	1.7	1[illegible].2	237.1	250.2	249.2	234.2	225.9	232.3	23[illegible].7			
	[illegible]	[illegible]	[illegible]	2.4	243.2									
1	[illegible]	[illegible]	[illegible]	249.3										
	[illegible]	[illegible]	5.	7.	37.	26.	[illegible]	[illegible]	[illegible]	78.	76.	75.	72.1	46.2
	[illegible]	31.1	71.1	62.1	37.4	63.2	64.1	[illegible]	51.2	51.2	110.2	104.2	97.2	108.2
	[illegible]	[illegible]	115.2	118.2	[illegible]	150.	157.	150.	145.	41.	141.2	137.2	135.2	132.2
	[illegible]	[illegible]	128.2	126.2	223.1	221.1	216.1	[illegible]	200.1	206.1	205.1	199.1	186.1	183.1
	[illegible]	179.	79.1	174.1	171.1	160.1	163.	164.1	167.2	250.1	249.2	238.2	237.2	230.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
1	[illegible]	[illegible]	241.1	272.1	186.1	181.2	26[illegible]							
1	[illegible]	13.	17.3	2.2	189.	150.1								
	[illegible]	12.1	12.4	172.4	169.6	152.1								
1	[illegible]	55.1												
1	[illegible]	17.2	7.	246.1	241.2	150.								
1	[illegible]	44.1	53.4	45.2										
	[illegible]	43.4	176.2	108.2	117.2	101.4	139.4	104.2						
	[illegible]	100.2	43.2											
1	[illegible]	1[illegible].4	106.4	104.2	100.4	42.3								
1	[illegible]	20.												
1	[illegible]	7.1	3.1	194.2										
1	[illegible]	249.												
1	[illegible]	45.1												
1	[illegible]	4.2												
	[illegible]	1.												
1	[illegible]	52.2	27.2	2.1										
1	[illegible]	54.1	38.2	16.1	7.1									
	[illegible]	1.1												
1	[illegible]	4.2												
1	[illegible]	17.	34.1	35.2	14.2	33.1	41.2							
1	[illegible]	1.2												
1	[illegible]	4.	44.1	27.2	25.2									
	[illegible]	31.2												
1	[illegible]	17.2	27.2	31.2	13.2	34.2								
	[illegible]	17.	35.1	40.1	11.1									
1	[illegible]	27.2												
1	[illegible]	1.2	3.	5.1										
1	[illegible]	1.1												
1	[illegible]	44.1	17.1	45.1										
	[illegible]	41.	71.	37.	15.	215.	109.	178.	237.	17[illegible].	157.2	113.2	57.2	56.4
1	[illegible]	1.1												
1	[illegible]	11.	14.1	34.2	33.1	34.1	45.	17.1						

235

[illegible]	51.2												
[illegible]	[illegible]												
[illegible]	6.												
[illegible]	245.1	16.5	9.3	171.1	151.2								
[illegible]	2.												
[illegible]	[illegible]												
[illegible]	46.1	[illegible]											
[illegible]	[illegible]												
[illegible]	5.1	25.2	10.8	[illegible]	14.	33.2	153.1	148.2	121.2	24.2	56.1	52.5	44.6
[illegible]	101.2	61.1	85.7	166.2									
[illegible]	6.												
[illegible]	[illegible]	15.1											
[illegible]	[illegible]	46.1											
[illegible]	1.2	[illegible]											
[illegible]	[illegible]												
[illegible]	1.1	5.1											
[illegible]	3.2												
[illegible]	[illegible]												
[illegible]	7.1	[illegible]	82.1										
[illegible]	53.1												
[illegible]	[illegible]	[illegible]											
[illegible]	7.1	6.1	28.1	20.1	424.1	[illegible]	87.4	30.1	29.1				
[illegible]	57.1	29.1											
[illegible]	5.1	30.2											
[illegible]	[illegible]												
[illegible]	[illegible]	[illegible]	106.2	[illegible]	[illegible]	97.2	[illegible]	84.2	79.1	70.1	69.1	60.1	46.6
32.1	266.1	237.2	257.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	235.1	215.1	209.1	209.4
235.1	[illegible]	[illegible]	[illegible]	[illegible]	74.	[illegible]	[illegible]	[illegible]	157.2	150.2	145.2	138.6	
137.6	147.2	118.2	116.2	115.2	113.4	107.8	265.1	266.1					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.1	[illegible]							
[illegible]	16.1	66.1	4.4										
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	46.4	43.2	14.2	2.2	144.2	100.4	47.4	145.1	140.2	137.2	119.4	118.4	115.2
113.2	112.2	111.2	99.2	97.4	5.2	215.2	195.2	153.0					
[illegible]	[illegible]												
[illegible]	21.7	206.8	189.5	162.1	150.5	51.2	45.2						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
[illegible]	121.4	111.2	250.1	[illegible]	115.22	143.2	262.2	240.1	113.6	117.4	116.5	7.8	13.18
54.1	41.1	24.2	13.4	58.2	56.1	[illegible]	80.0	87.1	92.2	[illegible]	20.4	86.1	
72.1	60.4	50.2	123.4	111.2	95.2	275.1	270.2	263.1	258.1	129.2	150.25	142.1	
140.2	137.2	127.6	174.2										
[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	210.											
[illegible]	51.1												
[illegible]	[illegible]	175.2	51.2	47.1	46.2	5.2							
[illegible]	10.2												
[illegible]	[illegible]	7.	30.2	[illegible]	64.1	67.1	75.10	65.4	76.5	53.1	61.1	87.6	86.8
77.4	207.4	200.1	19.4	19.1	254.7	157.42	134.1	135.27	134.5	133.13	132.11	97.2	
[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]												

1	[illegible]	67,6	66,5	156,7	120,2	5,2	10,7							
1	[illegible]	210,2	207,1	190,1	[illegible]	133,2	113,1	82,1	70,1	60,1	2,4			
1	[illegible]	172,4	71,3	150,7	214,7	[illegible]	47,4	46,5	145,8	141,2	9,10	6,20	2,2	
1	[illegible]	6,4												
1	[illegible]	246,7	61,2	110,2	109,2	150,2	243,4	5,1	3,1	1,3	7,1			
1	[illegible]	[illegible]												
1	[illegible]	7,1												
1	[illegible]	1,1	251,7	211,3	113,1	224,7	207,5	226,6	225,5	224,4	223,4	222,5	221,6	216,1
		[illegible]	108,1	40,1	110,1	71,1	174,1	171,1	163,1	157,1	153,1	150,13	142,1	140,2
		37,1	126,1	56,2	15,1	12,2	10,5	5,5	239,6	241,2	241,2	237,1	234,3	233,5
		135,1												
1	[illegible]	241,1												
1	[illegible]	244,1	196,3											
	[illegible]	1,1												
1	[illegible]	14,1	267,1	251,1	256,1									
1	[illegible]	13,4												
	[illegible]	244,1												
1	[illegible]	21,1												
	[illegible]	1,1	151,1	229,2	227,1	254,1								
1	[illegible]	1,1	1,2											
1	[illegible]	214,1	151,4	174,6	9,1	102,1	31,1							
1	[illegible]	211,1	16,1	2,1										
1	[illegible]	2,1												
1	[illegible]	175,1	5,1	64,1	52,1	35,1								
1	[illegible]	1,1	154,1	150,1	133,1									
1	[illegible]	171,1												
1	[illegible]	130,1	130,1	157,5	153,7	144,1	128,1	121,3						
1	[illegible]	1,1	5,1	1,2	2,1	164,1	136,1	137,1	215,1	207,1	196,2	164,1	163,1	161,1
		159,	156,1	150,1	173,4	1,4								
1	[illegible]	215,1	151,1	228,1										
	[illegible]	16,1	111,1	17,4	23,4	37,4								
1	[illegible]	11,1	73,1	13,1	129,2									
1	[illegible]	1,1												
	[illegible]	1,1	17,1	5,1	10,1	61,1	33,2							
1	[illegible]	243,4	37,1	13,2										
1	[illegible]	1,1												
1	[illegible]	23,1	13,1	5,1										
1	[illegible]	1,1	193,1	198,1	184,4	193,1	164,1	160,4	159,5	177,3	164,1	163,1	162,1	600,1
		50,4	1,1											
1	[illegible]	1,1	1,1	100,1	7,1									
1	[illegible]	17,1	7,2											
1	[illegible]	135,1												
1	[illegible]	1,1												
1	[illegible]	17,1	150,1	35,1										
1	[illegible]	11,1	14,1	55,1	54,1	40,1	47,1							
1	[illegible]	17,1	151,1	163,1	140,1									
1	[illegible]	140,1												
1	[illegible]	2,1												
1	[illegible]	1,1												
1	[illegible]	1,1	14,1											
	[illegible]	1,1	171,1	225,1	246,1	241,1	241,1	243,1	151,1	151,1	171,1			

[illegible]	5.2	7.1	16.2	27.1	120.2	129.2	124.2	174.1	132.2				
[illegible]	13.2	271.1	249.1										
[illegible]	29.4												
[illegible]	4.1	127.7	3.3	116.5	123.3								
[illegible]	150.1												
[illegible]	33.1												
[illegible]	27.2	17.6	15.1										
[illegible]	34.1	47.1	16.2										
[illegible]	24.4	109.2	137.6	172.14	181.1	130.8	112.2						
[illegible]	1.	4.1	41.1	18.2	10.1	12.1	7.	55.1					
[illegible]	38.1	49.1	22.2	1.2									
[illegible]	55.1												
[illegible]	5.1	1.1	27.2	23.1									
[illegible]	1.												
[illegible]	1.1	7.1	5.1	2.2									
[illegible]	1.1												
[illegible]	25.1												
[illegible]	7.1	14.2	20.2	9.1	51.4	37.2	25.2	21.4	206.2	150.1	125.2	271.1	273.1
	27.1	274.2	224.1	271.	265.1	155.	243.2	139.					
[illegible]	6.1	1.1	1.2	153.4	139.1	224.2	4.1	6.1					
[illegible]	15.2	56.1	243.2										
[illegible]	2.	1.1	3.3	5.1	14.2	1.	5.2	7.1	5.	5.2	4.5	264.1	250.1
	249.1	57.2											
[illegible]	2.1	42.1	35.8	25.1	2.1								
[illegible]	27.1	244.1											
[illegible]	7.2	6.1	5.1	15.4	27.4								
[illegible]	36.1	1.1											
[illegible]	206.1	205.2											
[illegible]	77.4	76.6	75.4	202.4	130.6	194.10	140.2	127.2	108.4	106.2	226.6	225.8	152.1
	150.2	141.											
[illegible]	1.1												
[illegible]	1.1												
[illegible]	1.1	1.1											
[illegible]	15.1	24.1											
[illegible]	130.4	118.2	131.5	20.2	600.4								
[illegible]	150.1	207.1	205.1	209.1									
[illegible]	1.1	2.1	7.1										
[illegible]	1.1												
[illegible]	24.1	7.1	1.1										
[illegible]	31.1	9.2	15.2	14.1	35.2	45.2	34.2	102.14	101.13	100.3	41.4	37.2	36.2
	105.2	112.2	109.2	109.6	126.2								
[illegible]	250.1												
[illegible]	125.2	160.2	225.1	21.3	210.2	209.8	203.3	150.8	142.1	141.2	226.1		
[illegible]	14.1	12.1	23.2	15.4									
[illegible]	14.4												
[illegible]	35.1												
[illegible]	27.1	12.1	14.2										
[illegible]	19.1	19.1	30.1	10.1	424.1	133.2							
[illegible]	1.1	5.1											
[illegible]	1.1	4.1	2.1										
[illegible]	1.1	14.1	2.1										

[illegible]	[illegible]	4.4	[illegible]	[illegible]	[illegible]								
[illegible]	4.1												
[illegible]	267.2												
[illegible]	48.[illegible]	43.1	150.1	129.2									
[illegible]	2.1	3.1											
[illegible]	60.4	[illegible]	4.1										
[illegible]	[illegible]	[illegible]	93.4										
[illegible]	[illegible]												
[illegible]	[illegible]	207.1	203.1	210.1	235.1	228.1	207.1	206.[illegible]	35.2	32.2	33.2	31.5	30.2
	221.[illegible]	[illegible]	211.1	221.1	213.1	214.1	213.1	255.1	34.2	33.2	37.2	36.2	35.2
	56.2	57.2	61.2	60.4	59.1	54.4	49.2	46.2	43.2	42.2	40.2	264.1	263.1
	256.1	277.2	266.1	271.4	265.1	95.1	63.1	77.1	76.1	274.1	273.1	83.1	84.1
	46.[illegible]	85.[illegible]	37.[illegible]	35.2	0.[illegible]	50.1	61.[illegible]	104.1	101.2	67.1	107.2	106.2	268.1
	138.2	117.2	111.2	109.2	103.2	121.2	120.2	119.2	118.2	117.2	115.2	114.2	169.1
	16.[illegible]	51.[illegible]	86.[illegible]	69.[illegible]	19.1	7.1	33.1	90.1	37.2	95.2	94.2	95.[illegible]	150.2
	62.2	257.1	266.1	247.1	248.1	123.2	272.1	65.1	162.1	146.1	145.1	144.1	71.1
	72.2	265.1	73.1	202.1	159.1	49.[illegible]	163.1	27.2	28.2	121.2	269.1	64.2	62.2
	74.[illegible]	7.2	6.1	5.2	11.2	0.2	9.2	5.2	152.1	26.2	25.2	24.2	23.2
	14.2	13.4	12.2	11.2	128.2	117.2	135.2	125.2	114.2	133.2	132.2	22.2	21.2
	30.[illegible]	10.4	21.2	16.2	106.1	51.[illegible]	12.[illegible]	54.[illegible]	107.1	81.1	80.1	79.1	180.1
	177.1	176.1	78.1	175.1	176.1	178.1	174.1	177.1	172.1	142.1	155.1	157.1	238.2
	230.1	245.1	248.1	245.1	227.1	237.1	234.1	231.1	221.1	223.1	221.1	230.1	229.[illegible]
	[illegible]	217.[illegible]	216.[illegible]	215.[illegible]	214.[illegible]								
[illegible]	54.1	55.2	56.2	70.1	52.[illegible]	5.[illegible]	230.1	251.[illegible]	260.2	256.1	60.1	41.2	80.1
	79.[illegible]	84.[illegible]	84.1	82.1	7.[illegible]	16.2	59.[illegible]	27.[illegible]	52.1	130.1	107.2	274.1	159.1
	156.1	161.1	160.1	21.2	18.2	26.2	25.2	25.2	31.2	30.2	29.2	22.2	20.2
	77.[illegible]	7.1	74.1	75.1	7.2	6.2	11.2	17.2	15.1	13.2	16.1	2.7	
[illegible]	7.[illegible]	7.[illegible]											
[illegible]	125.[illegible]												
[illegible]	[illegible]	[illegible]	150.4	14.6									
[illegible]	5.2	5.1											
[illegible]	9.2												
[illegible]	4.[illegible]												
[illegible]	5.2	6.5	10.1	9.4	7.2	112.2	133.2	150.4	59.2	107.4	47.2		
[illegible]	5.[illegible]	7.[illegible]	1.1	16.7	245.1	243.4	61.4	31.2	252.1				
[illegible]	31.2	241.1											
[illegible]	44.[illegible]	17.4	240.2										
[illegible]	6.[illegible]	4.[illegible]	47.1	15.1	10.2	200.3	182.4	181.4	76.1	338.1	225.2		
[illegible]	14.4												
[illegible]	3.[illegible]												
[illegible]	1.1	1.2	5.1	243.2	271.1								
[illegible]	150.1	4.4											
[illegible]	5.2												
[illegible]	26.1												
[illegible]	21.[illegible]	11.[illegible]	231.1	50.4	1.6.[illegible]	4.[illegible]	1.0.4	5.0					
[illegible]	47.[illegible]												
[illegible]	7.[illegible]												
[illegible]	7.2	12.1	46.1	45.1	40.3	47.2	51.1						
[illegible]	2.2	1.2											
[illegible]	1.[illegible]												
[illegible]	6.2												

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[illegible]	250.2												
[illegible]	48.1												
[illegible]	279.1												
[illegible]	57.2	57.2											
[illegible]	27[illegible].1	150.2											
[illegible]	[illegible]												
[illegible]	1.4												
[illegible]	27[illegible].1												
[illegible]	[illegible]	10.4	94.2	9.[illegible]3	150.6	200.1	201.2	207.[illegible]	203.1	255.1	257.1	246.1	214.2
	212.2	209.1	297.1										
PIPING	57.2	226.2	150.5	196.1	200.3	217.7	214.1	201.4	219.2				
[illegible]	[illegible]												
[illegible]	207.4	227.6											
[illegible]	4.2	202.[illegible]	150.1	43.1	272.3	243.7							
[illegible]	185.1	202.1	201.2	105.2	210.7	207.4	206.5	205.3	203.3	6.4	7.1	10.4	182.4
	17.8	44.8	127.2	51.6	47.4	127.2	138.6	140.7	181.4	143.7	147.4	141.6	155.1
	154.1	152.[illegible]	151.6	150.25	142.3	145.1	144.4	157.3	184.4	182.5	159.2	161.1	162.2
	157.3	165.1	243.2	600.3	293.2	254.3	243.1	234.2	277.2	172.4	171.7	168.1	242.2
	170.[illegible]	83.1	175.5	22[illegible]	1[illegible]3.2	215.4	222.1	217.2	1[illegible]	220.5			
[illegible]/TRANSMISSION	128.2	57.1	125.1										
[illegible]BUSINESS	4[illegible].1												
[illegible]	94.2	97.3	270.2	150.4	96.6	95.2							
[illegible]LER	6[illegible].1												
[illegible]P	15[illegible]	20.2	165.2	166.1	243.1	22[illegible]							
[illegible]YS	20.2												
[illegible]	25.1												
[illegible]RTED	[illegible]	150.6	600.2										
[illegible]	25.1	150.1	46.2	165.1	207.1	620.3							
[illegible]FETY	7.4	2.2	12.6	11.4	10.4	16.3	135.2	100.2	99.2	72.1	71.1	32.2	25.1
	12.[illegible]	160.2	150.9	205.	203.	223.1	600.7						
[illegible]FETYPIN	24.1												
[illegible]	[illegible].1	21.1	9.3	3.3	1.5	21.2.1	2[illegible].1	227.1	275.1	150.1	29.9		
[illegible]	279.1												
[illegible]	22[illegible].1	178.3	263.1										
[illegible]	6.1	57.6	66.1	128.2									
[illegible]	50.1	137.2	87.4	45.6	62.1	150.5							
[illegible]	[illegible]												
[illegible]	2.1	12.2	16.4	43.1	48.2	55.2	163.1	150.2	104.2				
[illegible]	6[illegible].1	217.1											
[illegible]	150.[illegible]												
[illegible]	15[illegible].4												
[illegible]	[illegible]												
[illegible]	274.1[illegible]												
[illegible]	[illegible].2	1[illegible].2	112.2	1[illegible].2									
[illegible]	[illegible]	7.[illegible]	7.[illegible]	6.1	[illegible]	6.[illegible]	53.[illegible]	57.1	12[illegible].2	24[illegible].1	216.1	198.1	276.1
	255.1	252.1	243.2	59.1	44.2	51.2	46.1	281.2	70.1	13.2	38.4	26.1	23.1
	2[illegible].1	22.1											
[illegible]	47.2	59.1	150.22	129.2	125.2	102.2	95.2	70.1	67.1	157.1	140.1	152.2	161.1
	2[illegible].1	23[illegible].1	1[illegible].1	74.1	[illegible].1	[illegible].1	420.2	247.2					
[illegible]Y	[illegible]	[illegible]	20[illegible].1										
[illegible]ENT	[illegible]												

1	[illegible]	4,1	5,1	14,1	600,2	16,2								
1	[illegible]	29,1	31,1	32,2	287,1	771,2								
1	[illegible]	63,1												
1	[illegible]	13,3	7,3	6,3										
1	[illegible]	350,1												
1	[illegible]	60,1	61,2	60,1										
1	[illegible]	7,1												
1	[illegible]	4,1												
1	[illegible]	34,1	15,1	100,2										
1	[illegible]	59,1												
1	[illegible]	59,3	60,5	61,5	62,4	63,3	64,2	66,5	65,4	128,4	115,2	67,1	150,8	
1	[illegible]	32,1	16,2	13,1	40,2	47,1	48,1	50,1	51,1	150,4				
1	[illegible]	33,4	37,2	19,1	31,4	34,4	165,1	183,2	41,2	37,4	36,4	35,4		
1	[illegible]	17,2	243,1	7,2	5,1	27,2	32,2							
1	[illegible]	90,1	91,1	91,1	93,4									
	[illegible]	5,4	5,3	11,4	10,4	56,3	31,1	35,1	24,1	12,4	243,4	177,1	3,1	2,2
		35,4	95,4	128,2	140,2	150,6	79,4	59,1						
1	[illegible]	5,2	76,	64,	267,1	55,	269,1	2,1						
1	[illegible]	13,1	31,4	240,2	12,2	13,1	32,2							
1	[illegible]	75,2	75,7	2,2	77,1	5,6	271,2	237,1	235,2	22,1				
1	[illegible]	33,1	13,	136,2	330,5									
1	[illegible]	77,2												
1	[illegible]	7,	51,1											
1	[illegible]	47,2	171,1	150,23	145,1	2,5,1	264,2	243,1	226,1	203,1	127,2	133,2	141,20	142,6
		144,4	147,5	111,1	36,4	35,2	33,1	143,1	120,2	31,2	37,5	59,1	60,7	60,7
		113,14	121,2	126,13										
1	[illegible]	6[illegible],												
1	[illegible]	17,1												
1	[illegible]	94,4												
1	[illegible]	263,1	56,1	15,1										
1	[illegible]	3[illegible],1	14,2											
1	[illegible]	35,2												
1	[illegible]	5[illegible],1	150,1											
1	[illegible]	6[illegible],1												
1	[illegible]	36,2												
1	[illegible]	9,2	9,2	6,2	5,2	11,2	10,2	232,1	229,1	181,1	150,1	120,2	68,1	61,1
		16,1	31,1	15,2	16,2	12,2								
	[illegible]	7[illegible],1	95,1	91,1	92,1	153,1								
1	[illegible]	24,2												
1	[illegible]	2,												
	[illegible]	1,3	110,6											
1	[illegible]	4,1												
1	[illegible]	7,												
1	[illegible]	2[illegible],1	22,4	20,1	15,2	5,2								
1	[illegible]	42,												
1	[illegible]	9,2												
1	[illegible]	7,1	56,1	50,1	8,2	6,1	27,1							
1	[illegible]	1[illegible],	57,1	264,1										
1	[illegible]	1[illegible],1	59,1	36,11	29,1	150,3	317,2							
1	[illegible]	13,1	8,2											
1	[illegible]	14,1												

1	[illegible]	19[illegible].4												
1	[illegible]	17[illegible].1	195.1	4.1	[illegible]	[illegible]								
1	[illegible]	[illegible].4												
1	[illegible]	[illegible].1												
1	[illegible]	2[illegible].4	2[illegible].1	13.2										
1	[illegible]	[illegible].1	[illegible].2	9[illegible].2	7[illegible].2	[illegible].2	3[illegible].4	2[illegible].2	[illegible]	[illegible]	146.5			
1	[illegible]	[illegible].1	[illegible].1	2[illegible].1	4[illegible].2	[illegible].2								
1	[illegible]	[illegible].2												
1	[illegible]	[illegible].1	5[illegible].	[illegible].										
1	[illegible]	[illegible].2	[illegible].2	15[illegible].2	171.1	153.1	264.1							
1	[illegible]	1[illegible].1												
1	[illegible]	15[illegible].2												
1	[illegible]	24[illegible].1	255.2											
	[illegible]	[illegible].1	[illegible]	303.1	216.1	600.2								
1	[illegible]	[illegible].2	215.1	207.1	203.1	150.6								
1	[illegible]	[illegible].4	156.4	102.2	16[illegible]	153.4	157.4	170.2	165.6	12[illegible]	140.2	138.2	2.1	
1	[illegible]	[illegible].1												
1	[illegible]	15[illegible]	45.2	33.2	2.1									
1	[illegible]	[illegible].1	65.1	38.2	37.2	[illegible]	64.1	[illegible].2	[illegible].2	[illegible].2	[illegible].2	18.2	14.2	16.2
		[illegible]	[illegible].2	7.2	[illegible]	[illegible]	[illegible].2	[illegible].2	[illegible].2	71.1	[illegible]	74.1	73.1	75.1
		[illegible]	[illegible]	77.	[illegible]	[illegible]	75.	[illegible]	54.6	40.	[illegible]	46.2	42.2	52.2
		51.2	46.2	69.1	74.1	70.1	251.1	249.1	248.1	238.2	69.1	69.1	42.2	67.1
		54.1	[illegible].1	23.2	22.1	21.2	20.2	[illegible].2	[illegible]	[illegible]	[illegible].2	24.2	25.2	28.2
		27.2	24.2	35.2	34.2	33.2	245.1	35.1	81.1	84.1	[illegible].1	87.1	231.1	233.1
		23[illegible]	275.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2
		[illegible]	[illegible]	194.2	[illegible]	[illegible]	[illegible]	[illegible]	103.2	[illegible]	111.2	117.2	115.2	118.2
		[illegible]	[illegible]	275.1	229.2	[illegible]	227.1	[illegible]	[illegible]	[illegible]	[illegible]	147.1	[illegible]	130.2
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	137.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		272.1	274.1	20[illegible].1	[illegible]	198.1	166.1	194.1	[illegible]	227.1	225.1	224.1	222.1	212.1
		[illegible]	[illegible]	139.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	171.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	173.1	169.1
		16[illegible]	[illegible]	172.1	174.1	[illegible]	[illegible]	172.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	155.1
		13[illegible]	[illegible]	[illegible]										
1	[illegible]	2[illegible].2												
1	[illegible]	[illegible].4	260.14	114.5	113.12	112.2								
1	[illegible]	20[illegible].												
1	[illegible]	2[illegible].1												
1	[illegible]	[illegible].1	264..	149..	73.2	152.1								
1	[illegible]	[illegible].2												
1	[illegible]	7.2	[illegible].2	29.4	26.2									
1	[illegible]	[illegible]	[illegible].2	25.1	21.2	13.2								
1	[illegible]	12.2	31.4	19.2	34.2	33.2	40.2	37.2	34.2	35.2				
1	[illegible]	[illegible].1												
1	[illegible]	27[illegible].1												
1	[illegible]	22[illegible].1												
1	[illegible]	47.1												
1	[illegible]	15[illegible].1												
1	[illegible]	[illegible].2	174.1	112.2	47.2									
1	[illegible]	[illegible].1												
1	[illegible]	[illegible].2												
	[illegible]	[illegible]												

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[illegible]	243.1												
[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	130.2	103.2	150.8									
[illegible]	[illegible]												
[illegible]	290.1	257.1											
[illegible]	[illegible]												
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	600.1	247.6	436.4	395.1	257.1	35.2	86.1
	[illegible]	[illegible]	130.6	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	242.5	242.2	235.3
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]												
[illegible]	[illegible]	206.8	207.1	214.[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	69.1	88.4	151.3								
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	[illegible]	251.1	163.7	193.3	[illegible]	164.2	150.1	161.[illegible]	162.5				
[illegible]	[illegible]												
[illegible]	600.1												
[illegible]	[illegible]												
[illegible]	[illegible]	20.1	5.7										
[illegible]	[illegible]												
[illegible]	46.2	150.3	162.1	193.2	189.1	173.[illegible]	155.2	210.4					
[illegible]	2.5	1.1	16.11	15.6	10.1	5.7	21.2	47.2	46.2	43.2	35.1	38.2	31.1
[illegible]	25.3	202.1	20[illegible].2	187.[illegible]	177.1	150.6	142.1	140.2	132.2	120.1	106.2	93.2	92.[illegible]
	50.[illegible]	56.4	224.2	212.2	202.[illegible]	217.2	[illegible]	226.1	221.3	319.2	271.4	270.4	269.4
	268.4	267.3	266.2	242.2	233.1	230.[illegible]	227.3	222.4	272.4				
[illegible]	[illegible]	14.1	52.3	[illegible]	45.[illegible]	43.1	362.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	127.[illegible]
	131.1	123.2	55.1										
[illegible]	55.1												
[illegible]	[illegible]												
[illegible]	[illegible]	34.2	35.2	36.4	241.10	37.[illegible]							
[illegible]	[illegible]	[illegible]	46.24	44.3	[illegible]	[illegible]	140.5	139.5	[illegible]	140.7	147.4	144.4	145.[illegible]
	167.1	[illegible]	170.4	171.7	163.1	157.[illegible]	150.[illegible]	157.3	152.1	201.2	203.3	207.4	206.5
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	243.[illegible]	257.[illegible]
	135.1	264.1	17.[illegible]										
[illegible]	[illegible]	47.2	47.2	42.4	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	143.6	147.2	146.4	153.54	153.3	155.2	157.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.4	48.9	6.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.7	16.14	19.8
[illegible]	[illegible]	[illegible]	175.3	178.3	[illegible]	79.4	176.1	55.3	[illegible]	[illegible]	55.14	35.2	37.4
[illegible]	137.[illegible]	[illegible]	[illegible]	107.1	106.6	105.6	104.6	103.6	[illegible]	[illegible]	21.6	129.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	124.2	[illegible]	[illegible]	[illegible]	[illegible]	169.2	163.5
[illegible]	[illegible]	163.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	172.3	[illegible]	[illegible]	27.11	26.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.2	[illegible]	87.4	[illegible]	[illegible]	[illegible]	600.6	28.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	207.3	[illegible]	87.3	[illegible]	95.2	32.3
[illegible]	[illegible]	237.2	77.2	76.3	75.3	[illegible]	[illegible]	73.3	70.3	85.2	104.5	35.4
[illegible]	[illegible]	[illegible]	[illegible]	90.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.4
[illegible]	272.3	[illegible]	273.3	[illegible]	[illegible]	[illegible]	268.3	267.3	[illegible]	265.2	264.4	263.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	259.2	246.2	113.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	211.2	214.4	243.6	217.4	215.4	110.6	181.2

	120.4	119.4	186.3	184.3	182.3	180.2	233.2	229.2	226.4	222.5	29.8	29.7	29.6
	34.9	32.8	34.3	74.1	74.3	63.7	227.7	225.3	25.8	237.3	73.3	73.3	72.3
	224.3	223.2	221.3	221.4	18.9	17.9	24.0	243.7	242.6	245.3	238.9	237.3	196.6
	74.2	201.9	207.1										
TAXI	22.5												
TAXIP	27.4												
	.2	7.4	3.4	17.1	247.7	17.6	3.0	74.0	75.0	35.8			
TAP	2.2												
TAS	75.	24.1											
TASK	54.1	54.1	124.2										
TECHNICAL	18.4	21.2	267.3	260.1	241.1	242.3	23.2	278.1	666.1	8.2	1.1	8.2	7.3
	5.	7.1	16.2	53.1	41.2	35.1	.48.	100.2	60.1	175.1	150.2		
TECHNIQUE	3.1												
TECHNOLOGY	54.1	27.1											
TEDDY	21.1	151.2	43.1	12.1	7.1								
TELEGRAPHIC	158.1	7.1											
TELEPHONE	41.1	104.1	201.1	30.1	155.1	209.1	207.1	204.1					
TEMPORA	156.4	216.3	208.1	207.2	259.2								
TEN MINUTE	247.	255.1											
TENSION	1.4	27.1	2.1										
TER	2.2	1.1	7.2	13.1	145.1	123.5	53.1	35.6	25.3	24.4	16.2	212.2	221.4
	233.	227.1	246.1	243.1									
TERTIP	265.1												
TERRIBLE	177.												
TERRORISTS	262.2	125.2											
TESTED	.6												
TESTING	5.1	44.1	150.										
THEREBY	269.1												
THEREFORE	35.1	157.1	2.1										
THIN	27.1												
THI	3.2	7.1	23.7	70.	56.3	100.2	94.2	107.2	203.1	214.1	213.1	130.2	135.2
	150.	225.1	245.1	243.6									
THINKING	3.2	11.2	10.2	9.2	6.2	128.2	150.2	157.1	155.1	122.2	164.2	16.2	212.2
	100.1	12.1	124.2	213.2	120.1	119.2	118.2	117.1	15.2	160.1	158.1	166.1	165.1
	162.1	105.2	104.2	101.1	179.1	174.1	172.1	171.1	172.1	167.1	264.1	193.1	122.2
	27.1	183.1	124.2	203.	255.1	260.1	263.1	266.1	268.1	267.1	217.1	221.1	203.1
	210.1	61.1	15.	1.1	227.1	224.1	225.1	226.1	21.2	51.1	65.2	230.1	229.1
	210.	236.1	237.1	239.2	241.1	242.1	237.2	222.1	167.1	211.1	222.1	235.1	234.1
	4.1	37.1	4.1	12.	33.	24.1	34.	35.	1.2	231.2	227.1	148.	50.1
	39.2	47.2	93.2	66.1	67.1	65.1	67.2	69.1	7.1	71.1	75.1	72.1	204.1
	96.1	82.1	81.1										
THOROUGHLY	1.												
THOUGH	2.2	5.1	226.2	223.1	221.1	219.1	216.1	214.1	2.1	44.2	74.1	71.1	69.1
	41.	40.1	40.4	41.2	47.1	34.1	39.1	37.1	13.	151.1	155.1	107.2	105.2
	154.33	147.1	140.2	138.4	135.2	134.2	121.2	120.6	119.7	117.2	112.10	111.2	238.3
	62.6	265.1	245.1	243.2	85.1	9.1	77.	50.0	4.1	147.1	212.1	209.2	181.1
	134.1	174.1	204.1	182.1	202.1	200.1	198.1	184.1	172.1	171.1	166.1	165.1	
THREAT	49.2	14.	2.1	153.1	125.3	129.2	620.3	239.1					
THREE	56.1	63.1											
THROUGHOUT	4.3												
THUS	1.1												

1	[illegible]	1,9	243,1	20,3	25,2	24,1	23,1	8,1	5,6	3,4	2,19			
1	[illegible]	28,2												
1	[illegible]	5,4	2,2	18,2	9,1,6	35,1	54,2	21,2	132,11	110,2	133,5	135,5	134,5	136,5
		139,2	139,5	137,7	120,4	120,2	103,2	106,2	100,14	107,1	266,5	187,2	126,2	118,1
		141,2	140,20	142,1	150,5	161,1	163,	187,2	174,4	175,4	174,2	172,2		
1	TRANSPORT	21,2												
1	[illegible]	25,1	242,1											
1	TRANSPORTATION	5,1	1,1	6,1	56,2									
1	[illegible]	9,1	93,1	1,2										
1	[illegible]	5,1,												
1	[illegible]	127,5												
1	[illegible]	49,1	56,14	53,2	57,9	58,1	150,4							
1	[illegible]	7,1	1[illegible],2	142,3										
1	[illegible]	55,1	1,1	55,1	157,1	156,1	150,2	231,1	600,1					
1	[illegible]	131,1	1,2	132,										
1	[illegible]	55,1	56,7	79,5	78,6	80,7	91,	91,4	96,2	94,2	243,1	150,4	121,2	
1	[illegible]	174,												
1	[illegible]	151,2												
1	[illegible]	283,												
1	[illegible]	15,1												
1	[illegible]	247,2												
1	[illegible]	49,1												
1	[illegible]	242,2												
1	[illegible]	76,1	151,5	157,1	162,1	207,	206,	209,1	20,2	102,2	171,2	112,4	110,2	109,4
		101,1	243,1											
1	[illegible]	1,2,2	212,2	56,2	151,2	113,2	168,2	20[illegible],2	206,2	107,1	243,2	210,1		
1	[illegible]	41,1	154,											
1	[illegible]	52,	90,1	163,1										
1	[illegible]IDE	153,2												
1	[illegible]	37,2	36,2	35,2	34,2	37,2								
1	[illegible]	41,6	2,	43,5										
1	[illegible]	2,1												
1	[illegible]	23,2	32,4											
1	[illegible]	2,	,5	5,1	7,1									
1	UTILITY/HYDRAULIC	216,1	217,1											
1	[illegible]	63,1	151,2	44,1										
1	[illegible]	66,												
1	[illegible]	150,2												
1	[illegible]	4,	35,2	6,2	164,3	150,3	143,2	91,1	165,2					
1	[illegible]TION	105,2	166,2	600,7	167,1									
1	[illegible]TION	166,2	165,2	164,3										
1	[illegible]ITY	1,1												
1	[illegible]	27,3	245,2											
1	[illegible]	27,6	217,3											
1	[illegible]	207,4												
1	[illegible]	5,												
1	[illegible]	1,1												
1	[illegible]	61,	50,1	56,2	46,2	55,4	104,2	22,1	113,2	103,6	106,2	150,2	150,18	162,1
		60,												
	[illegible]	2,2	215,1	60,1	240,1									
	[illegible]	1,1	147,											

1	[illegible]	120.2	190.2											
1	[illegible]	2.2	81.1	81.1	77.1	74.1	39.1	41.4	14.1	5.1	71.1	69.1	94.1	105.1
		41.2	65.1	51.1	147.1	142.1	135.4	137.6	175.2	128.2	111.2	107.2	129.2	117.2
		174.1	145.1	163.1	150.12	150.1	150.1	155.2	164.1	165.1	170.1	172.1	171.1	181.1
		150.1	179.1	176.1	199.1	201.1	220.1	226.1	2.2.1	2.3.1	2.4.1	209.1	204.1	202.1
		200.1	245.1	218.1	224.1									
1	[illegible]	1.2.1	185.1	203.4	104.1									
1	[illegible]	3.1.1	159.1	71.1	41.2	47.2	22.1	29.3	24.2	16.1				
1	[illegible]	17.1	193.1	180.1	179.1	160.1	162.1	159.1	155.1	157.2	46.2	13.2	1.2	139.2
		137.1	56.1	59.1										
2	[illegible]	5.2	4.1	19.1	16.10	5.1	8.4	5.1						
2	[illegible]	1.6	5.1											
2	[illegible]	1.1.2	7.1											
2	[illegible]	1.1.	26.2											
2	[illegible]	2.1												
2	[illegible]	3.1												
2	[illegible]	6.1.3	230.1	215.2	207.2	183.1	150.12	137.1	115.1	9.1	90.1	60.1	59.1	56.4
		1.1.	2.1											
2	[illegible]	1.1.1	37.1	37.2	36.1	34.2	34.2	33.1	16.1	13.1				
2	[illegible]	1.1.1												
2	[illegible]	1.1.4												
2	[illegible]	2.1.3												
2	[illegible]	174.2	271.2	272.2	271.10	210.2	257.5	127.2	115.2	113.2	106.2	99.2	97.2	21.2
1	[illegible]	17.2	77.2											
1	[illegible]	17.1.	47.2	8.1	44.1	10.2	10.1	7.1						
2	[illegible]	9.1.1												
2	[illegible]	2.1.												
2	[illegible]	1.1.1	254.1	243.2	182.4	180.2	179.12	171.1	167.1	165.5	155.1	154.5	152.1	151.2
		150.7	145.3	127.2	63.1	62.1	11.14	7.1						
1	[illegible]	5.1	1.1											
2	[illegible]	5.1.												
2	[illegible]	5.1.2												
2	[illegible]	150.2												
2	[illegible]	1.1.1	115.4	118.4	112.2	109.2	108.2	102.4	99.2	97.4	96.4	92.2	68.1	57.2
		56.1												
2	[illegible]	1.1.1	175.1	150.2										
1	[illegible]	17.1	150.2	86.1										
2	[illegible]	1.1.2												
1	[illegible]	33.1	150.5	96.2										
4	[illegible]	10.2	27.2	26.3	14.2									
2	[illegible]	5.1												
2	[illegible]	6.1.2	271.2	110.2	10.1	7.1								
2	[illegible]	7.1	249.1	42.2	14.2									
2	[illegible]	273.3	277.3	27.3	273.3	260.3	133.4	121.4	130.4	168.2	143.8	138.8	135.4	129.4
		1.1.1	1.1.1	116.4	118.4	1.1.4	119.4	112.4	116.8	111.4	104.4	103.4	101.4	267.3
		2.6.2	245.2	254.2	243.1	175.2	251.2	248.2	242.2	7.2	5.8	3.4	1.1	99.4
		97.3	95.4	9.2	93.	27.	86.	84.1	81.	81.	80.1	79.1	73.1	76.
		7.1	71.1	72.1	72.1	5.4	9.1	25.4	27.6	21.6	21.4	19.4	18.8	17.8
		1.1.	15.1	13.4	1.4	1.1	68.2	67.1	64.2	64.2	53.2	47.2	63.2	59.2
		31.	37.1	96.	37.2	38.1	37.1	31.1	33.7	31.1	40.4	42.5	43.10	42.2
		1.1.	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.2	27.4	54.6	183.4	207.2

		106,2	[illegible]	201,1	[illegible]	[illegible]	186,2	193,4	238,6	237,2	276,4	222,2	231,2	230,1
		229,1	227,2	221,2	[illegible]	224,1	222,4	221,2	215,2	[illegible]	[illegible]	209,2	179,2	174,2
		17,2	[illegible]	[illegible]	[illegible]	[illegible]	40,1	[illegible]	49,2	57,1	165,2	164,2	178,2	177,2
		175,2	146,2	143,2	143,2	141,4	136,2	131,45	149,4	631,2	297,2	274,3		
2	CLOTHES	[illegible]	6,2	9,2	[illegible]	[illegible]	154,	[illegible]	56,2	72,1	91,2	99,2	206,2	256,2
2	CLOTHIT	274,2	273,2	[illegible]	[illegible]	[illegible]	243,1	241,1	117,1	15,2	10,2			
2	[illegible]	[illegible]	[illegible]	129,2	[illegible]	27,2								
2	CL[illegible]	2,4	4,1	[illegible]	[illegible]	[illegible]	0,6	[illegible]	149,1	141,6	220,2	210,2	185,	152,4
		144,2	141,2	112,7	110,2	104,2	[illegible]	59,2	83,1	71,2	62,2	61,7	58,4	54,2
		53,1	27,2	21,1	30,1	29,1	23,2	13,2	17,2					
2	CLOTHED	156,	32,1	20,2										
2	CLOTH	14,2	150,2											
2	[illegible]	[illegible]	[illegible]	205,2	170,	50,5	2,							
2	CL[illegible]	42,2												
2	CL[illegible]	173,2	14,2	2,2										
2	CLUBBED	175,1												
2	CLUBBING	54,1	81,2											
2	CLUB	5,2	15,1	8,2	274,1	273,2	270,1	269,1	268,2	266,1	203,2	150,4	59,2	56,1
		47,2	43,2	31,1										
2	CLUSTER	3,2	14,2	272,1	269,1	150,1	110,2	15,2						
2	CLUTCH-[illegible]	[illegible]	5,4											
2	COAGULABLE	274,1												
2	COAL[illegible]	6,1	3,1											
2	COALITIONS	1,2												
2	C[illegible]	[illegible]	21,5											
2	[illegible]	[illegible]												
2	[illegible]	26,2	3,2											
2	[illegible]	5,1												
2	[illegible]	26,2												
2	[illegible]	[illegible]	97,2	51,1										
2	[illegible]	[illegible]												
2	[illegible]	42,2												
2	[illegible]	[illegible]	3,1	1,2	600,	165,	99,	49,						
2	[illegible]	34,2	33,2	21,1	16,3	16,1	11,4	10,3	7,1	5,2	2,4	1,1	238,2	218,2
		217,2	223,2	222,2	221,5	274,1	271,3	253,	247,2	220,9	214,4	214,2	2[illegible],2	212,2
		[illegible]	200,2	196,1	168,1	168,1	207,4	206,2	205,4	203,2	202,1	201,8	200,5	198,1
		17[illegible]	164,2	162,1	162,2	157,1	140,1	139,2	137,1	131,1	130,50	140,1	75,2	93,8
		[illegible]	[illegible]	[illegible]	16,2	17,1	36,1	7,4	5,6	47,2	136,1	115,2	99,2	97,2
		35,0	95,2											
2	COALESCED	201,2												
2	COALITION	203,1	32,1	250,8	243,2	178,2	55,1							
2	COAST	[illegible]	[illegible]	7,2	2,	264,1	226,1	164,2	110,1	139,4				
2	COAT[illegible] CLOTHWISE	[illegible]	[illegible]	30,1	[illegible]	270,1								
2	[illegible]	[illegible]	2,4	0,3	1,2									
2	[illegible]	27[illegible]	1,1											
2	[illegible]	178,1												
2	[illegible]	27[illegible]												
2	[illegible]	272,1	271,1	27[illegible],1	270,1	16,1	269,1	268,1	267,1	266,1	160,1	150,1	148,1	25,1
2	[illegible]	[illegible]												
2	[illegible]	[illegible]	44,1											
		1[illegible],1	120,2	70,1	44,1	41,1	20,5							

DRAIN	5.2	8.8	5.2	231.1	228.2	228.2	227.2	174.1	140.3	153.6	102.2	106.2	104.6
	97.2	71.6	70.13	67.1	42.6	16.10							
[illegible]	8.2	5.2	42.2	16.2									
[illegible]	51.1	50.5	51.1										
[illegible]	48.2	74.1	133.2	113.4	89.1	150.11	75.2						
[illegible]	4.3	7.1	283.2	123.6	58.2								
[illegible]	73.1	59.2	91.2										
[illegible]	48.4	44.4	32.1										
[illegible]	64.1												
[illegible]	2.1												
[illegible]	15.1	5.1	276.3										
[illegible]	153.1	302.2											
[illegible]	21.1	151.1	91.1										
[illegible]	47.												
[illegible]	44.1	37.											
[illegible]	.6	35.5	19.2	18.9	5.1								
[illegible]	79.1	63.	61.2										
[illegible]	21.1	15.1											
[illegible]	15.5	247.1											
[illegible]	9.1												
[illegible]	11.1	245.1	120.2										
[illegible]	10.	1.1	274.1	93.2	3.1								
[illegible]	276.1	48.1											
[illegible]	272.1												
[illegible]	271.1	247.7	187.1	135.5	135.5	69.1							
[illegible]	173.1	159.1											
[illegible]	151.6												
[illegible]	41.2	121.4	150.1										
[illegible]	193.1	171.1	250.2	186.2	183.1	150.18	130.2	95.2	55.2	47.2	72.2	59.2	
[illegible]	151.1	194.2	163.1										
[illegible]	150.1												
[illegible]	7.1												
[illegible]	245.2												
[illegible]	9.2	59.1	58.1	51.2	47.2	43.9	22.2	7.1	243.1	133.1	188.1	92.1	165.2
	146.1	127.1	93.2										
[illegible]	246.1	220.1											
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	207.2												
[illegible]	7.	6.	15.2	9.1	16.6	54.	50.1						
[illegible]	15.2												
[illegible]	247.2	247.1	246.1	121.1									
[illegible]	33.	1.2	48.	9.1	5.1	150.6	215.2						
[illegible]	37.1	37.4	34.4	33.2	37.4	16.4	47.2	14.1	5.1	240.2	254.4	251.1	243.2
	236.1	175.1	13.2	120.1									
[illegible]	20.1												
[illegible]	50.1												
[illegible]	37.1	14.4	44.2										
[illegible]	44.2	7.1	2.1	273.2	112.2	106.2	47.8	46.4					
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[illegible]	110.1	63.1	51.2	177.1	159.	44.1							
[illegible]	12.1	32.1	44.2	72.2	49.1	40.2	47.2	153.8					

[illegible]	270,13	150,14	96,4	97,2	34,2	91,2							
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[illegible]	171,1												
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[illegible]	172,2	103,2	101,2	109,2									
[illegible]	17,1												
[illegible]	[illegible]	39,5	24,2	9,1	2,1	1,1							
[illegible]	1,1	1,1	3,1										
[illegible]	150,1												
[illegible]	46,4	5,1	47,4	129,6	150,89	109,2	212,2	208,1	228,4	200,1	166,1	165,2	
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[illegible]	10,1	3,4											
[illegible]	127,2												
[illegible]	[illegible]	170,2	118,2	174,5	134,5	33,1	129,9	119,6	127,2	113,7	117,2	154,3	150,121
	147,4	144,4	142,6	600,16	257,1	265,3	249,1	153,4	157,1	150,1	155,1	14,3	12,2
	42,5	58,1	57,3	56,1	102,12	101,2	99,3	95,2	0,4	90,3	89,1	85,4	3,4
	77,4	74,4	71,4	67,4	57,6	55,4	53,1	109,3	107,5	106,5	103,8	116,5	112,10
	171,2	124,5	174,4	124,1	47,3	47,6	45,2	44,2	71,1	71,3	172,4	170,4	208,1
	207,5	43,1	42,1	41,1	90,3	84,1	198,3	84,4	201,2	120,3	177,1	234,2	232,3
	231,3	167,4	110,7	111,2	214,1	230,1	239,7	224,4	204,3	223,2	229,1	228,1	222,4
	2 5,1	21,3	2,9	13,2									
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	125,4	124,4	118,4	53,2	218,1	198,1	198,3	110,4	211,1	233,1	220,1	229,1	228,1
	176,1	110,1	1 3,2	2 7,3	141,1	34,1	257,1	5 , 4	47,2	33,5	31,2		
[illegible]	9,1												
[illegible]	73,1	37,2	21,2	10,1	113,2	1,5,1	233,1	660,5	1,0,4	150,30	140,2	152,1	57,1
	229,1	224,1	278,1	247,1	176,1	176,1	177,2	147,1	102,1				
[illegible]	113,2	157,2											
[illegible]	145,4	41,2	9,4	146,4	47,4	243,							
[illegible]	5,1												
[illegible]	40,2	39,2	32,2										
[illegible]	247,1												
[illegible]	47,1												
[illegible]	67,1	60,1	47,2	15,1									
[illegible]	67,1	66,3	64,1	60,2									
[illegible]	59,1	35,1											
[illegible]	13,1												
[illegible]	173,2	99,2	600,2	150,21	129,2	229,1	228,1	166,1	239,2	230,1			
[illegible]	242,2	175,											
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[illegible]	33,2	5,2	34,1										
[illegible]	13,1												
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[illegible]	4,1	39,1	15,1	43,1									
[illegible]	3,2												
[illegible]	3,2	3,1	40,4	38,2	21,2	18,1	27,1	47,2	42,1	41,5			
[illegible]	52,2												
[illegible]	1 3,4	67,1	55,1	54,2	9,1	63,1	255,1	239,2	237,1	150,2			
[illegible]	[illegible]												
[illegible]	[illegible]	105,2	147,2	21,2	16,2								

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                                   [illegible] WORD LIST BY PAGE                                        DATE 80176 1603 PAGE   18

[illegible] [illegible]          [illegible] [illegible] [illegible]
[illegible] [illegible]          [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]   7.6 [illegible] 182.2
                                 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
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                                 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]   4.2   3.4
[illegible] [illegible]          [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 226.1 [illegible]   2.1   1.7
                                 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]   9.4 [illegible]
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                                 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 174.1 172.1 [illegible]
                                 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 163.1 215.1
                                 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 202.1 [illegible]
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                                 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]  68.1
                                 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 105.2 [illegible]
                                 [illegible]  97.2  94.2 [illegible]
2 MANUFACTURE[illegible]         [illegible]
[illegible] [illegible]          [illegible]
[illegible] [illegible]          [illegible]  45.1
[illegible] [illegible]          [illegible] [illegible] [illegible] [illegible]   4.6 424.3 [illegible] [illegible] [illegible]  47.3 [illegible] [illegible]  10.9
                                   5.2   9.3   7.2   6.1
2 MARKED                          47.2
[illegible] MARKING              [illegible] 600.1 166.1 165.1
[illegible] MARKET                16.2
[illegible] [illegible]          [illegible] [illegible] 600.1
[illegible] [illegible]          [illegible] [illegible]  15.2 120.2 182.1 249.1
2 MATERIALS                      [illegible] [illegible]  25.2 [illegible]  29.2  20.2 [illegible] [illegible]  27.2  26.2  25.2  34.2  33.2
                                 [illegible]  40.2 274.1 [illegible]
2 [illegible]                    129.4 [illegible]
[illegible] [illegible]          [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]          [illegible]
[illegible] [illegible]          [illegible] [illegible] [illegible]  95.1  92.1  64.1 250.1 [illegible] [illegible] 127.2
[illegible] [illegible]          [illegible] [illegible]  84.
[illegible] [illegible]          [illegible]
2 [illegible]                    [illegible] [illegible] [illegible] [illegible]  47.1
[illegible] [illegible]          [illegible] [illegible]  13.1  10.1 [illegible]   7.3 [illegible] [illegible] [illegible]  43.2 [illegible] 248.1 110.2
                                 [illegible] [illegible] [illegible]  47.1 [illegible] [illegible] [illegible] [illegible]  39.2 [illegible]  16.7
[illegible] [illegible]          [illegible]
[illegible] [illegible]          [illegible]  64.1
[illegible] [illegible]          [illegible] [illegible]
[illegible] [illegible]          [illegible]  47.1
[illegible] MOVEMENT             [illegible] [illegible]  37.3 143.1
[illegible] MULTIPLY             [illegible]
[illegible] [illegible]            3.3 [illegible] [illegible]  18.4  17.3 [illegible] 243.1  21.2 [illegible]
[illegible] [illegible]          [illegible]
[illegible] [illegible]          [illegible]
[illegible] [illegible]          [illegible]  40.2  31.2  19.2 150.1
[illegible] [illegible]TIVE      [illegible]
[illegible] [illegible]          [illegible]
[illegible] [illegible]            .3 [illegible]  20.3 [illegible]   7. [illegible] 17.3 [illegible]   3.4
[illegible] [illegible]          [illegible]
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[illegible]	4,1	7,1	1,1	40,2	10,6	25,1								
[illegible]	424,2	241,5	50,1	5,1										
[illegible]	3,1													
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[illegible]	31,1													
[illegible]	75,1	77,1	1,2	78,1	87,1	150,22	238,1	227,1						
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[illegible]	[illegible]	3,1												
[illegible]	243,2	246,1												
[illegible]	[illegible],1	104,1	101,2	107,1	106,1	[illegible]	118,1	150,1						
[illegible]	267,1													
[illegible]	247,2													
[illegible]	[illegible],2													
[illegible]	[illegible]													
[illegible]	[illegible]													
[illegible]	51,2	47,5	46,4	58,1	60,1	60,3	59,1	231,1	228,3	225,1	208,1	198,1	175,1	
	150,7	143,1	141,2	137,2	130,2	119,2	119,2	[illegible]	[illegible]	109,2	108,2	104,2	102,2	
	133,4	100,2	72,1	70,1										
[illegible]	40,2													
[illegible]	[illegible],4	7,1	56,1	72,1	46,2	33,1	59,							
[illegible]	4,1	3,2	1,1	33,1	32,1	29,1	27,1	17,1	16,2	13,3	10,1	8,1	7,3	
	6,1	3,1	221,1	172,	50,1	121,2	55,1	54,1	53,1	52,1	51,1	50,1	48,	
	47,1	44,1	43,1	42,1	41,1	40,1	39,1	37,1	36,1	35,1	34,1			
[illegible]	600,1	274,3	273,1	272,1	271,2	270,1	263,1	269,1	267,1	266,1	255,1	249,1	248,2	
	241,5	211,1	210,1	206,1	175,1	150,1	150,11	120,2	83,1	80,1	76,1	73,1	64,1	
	56,1	56,3	55,1	51,2	43,4	42,4	39,2	38,2	30,2	29,2	28,4	27,2	26,2	
	25,6	11,1	1,2	3,1	15,2	13,2	16,4	17,1	7,1					
[illegible]	13,1													
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[illegible]	61,2	62,1	2,3	50,1										
[illegible]	13,4													
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[illegible]	251,2	150,3												
[illegible]	53,1	54,1	159,2	243,1	121,2									
[illegible]	51,1	47,2	46,2											
[illegible]	276,2													
[illegible]	150,2													
[illegible]	7,1	274,1	150,2	30,1	37,1	50,2	17,1	9,4						
[illegible]	17,1													
[illegible]	17,2	21,2	20,2	19,1	11,2	[illegible]	14,7	13,2	8,1	7,1	6,5	5,2	251,3	

	250.4	241.2	223.1	175.1	171.1	175.	140.1	174.1	163.1	154.1	149.1	145.1	137.2
	5.1	71.1	46.1	10.2	34.1	51.1	51.1	47.2	41.2	30.2			
	53.1												
	1.1												
	29.2	150.3	130.1	69.4									
	21.2	171.1	55.2	6.1	60.1	21.2	40.1	4.1	155.				
	1.1	5.1	2.2	78.1	71.1	76.2	53.1	40.1	51.3	51.10	47.2	46.6	44.2
	33.1	25.3	164.1	113.5	156.4	10.4	150.6	155.8	157.4	157.2	156.2	155.1	154.2
	5.1	47.2	150.23	41.2	44.4	141.1	171.1	75.4	134.4	133.2	135.4	117.2	115.3
	115.5	96.4	91.1	3.1	89.4	89.2	87.3	84.2	603.2	265.3	264.4	263.3	259.1
	257.1	256.1	239.1	230.1	2 .1	2.5.3	203.4	95.2	90.2	133.2	185.1	179.2	.77.1
	171.2												
	5.2	80.1	76.1										
	.1	.1	38.1	31.2	15.1	24.2	19.1						
	17.1	16.1											
	.2.1												
	7.1	4.1	150.3	50.1									
	219.2	97.2	91.1	50.2	47.4								
	.1	.4	15.2	.4	7.5	6.4	3.2						
	7.2	.1											
	261.1	5.1	2.1										
	36.2	36.4	35.4	34.4	32.1								
	28.1												
	47.2												
	210.1												
	174.1												
	19.2												
	132.1	150.2											
	2.1	54.2											
	55.2	55.1											
	1.1	621.2	167.1										
	211.1	171.2											
	32.1	5.1	7.2	5.3	7.2	.1	391.1	375.1	242.2				
	12.4												
	3.2	37.2											
	1.1	601.2											
	16.2	5.1	2.3	75.3	79.2	55.3	52.2	400.1	244.2	237.3	237.1	209.1	206.3
	183.1	107.1	150.2	46.1	142.4	85.8	84.6	87.2	83.6	81.4	80.6		
	3.1	43.1	241.2	1 3.1									
	45.1												
	1.2	30.2	50.1	51.1	53.1	49.1	49.1	47.2	44.2	35.1	31.2	29.1	22.2
	12.1	5.2	4.2	3.2	503.2	243.1	255.1	235.2	158.1	143.1	150.8	142.1	143.2
	3.4	5.1	25.1	167.1	173.1								
	1.1	61.1	510.2	210.1	133.1								
	1.2	171.2	242.3	165.1	159.2	152.6	154.2						
	31.1	47.1											
	221.1	150.1	230.1										
	5.4	40.2	5.4	53.1	51.1								
	33.4	13.2	10.5	15.4	155.3	59.2	56.6	41.6	43.28	39.2	38.18	37.24	36.22
	37.22	34.24	33.22	32.6	31.24	29.4	27.2	24.6					
	1.1												

256

[illegible]	46.2	12.1	88.1	49.3										
[illegible]	174.2													
[illegible]	[illegible]													
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[illegible]	186.1	163.1	150.2											
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[illegible]	[illegible]													
[illegible]	[illegible]	55.2	201.1	150.6	138.2	126.2	105.2	104.6	103.1	102.2				
[illegible]	[illegible]	164.1	16.2	162.1	16.2	159.2	157.2	93.4						
[illegible]	[illegible]	[illegible]												
[illegible]	[illegible]	5.2	4.1	2.2	200.1	135.1	133.0	92.1	90.2	67.2	66.2	47.2	46.2	
[illegible]	44.	30.2	14.2											
[illegible]	[illegible]													
[illegible]	[illegible]	36.2	600.6	175.2	167.1									
[illegible]	[illegible]	[illegible]	50.2											
[illegible]	140.1													
[illegible]	45.1	5.1	8.2	5.2										
[illegible]	45.2	14.2												
[illegible]	87.2													
[illegible]	47.1	59.1	45.1											
[illegible]	6.2	5.2	7.2											
[illegible]	150.1													
[illegible]	147.1	33.1												
[illegible]	31.2													
[illegible]	[illegible]	67.1	66.1											
[illegible]	93.1													
[illegible]	271.1	251.7	207.2	206.1	202.1	185.1	150.7	139.2	99.2	37.2	45.2			
[illegible]	14.2	202.1	205.7	150.4	51.2	47.2	15.2	207.8	206.5	267.1	209.1	208.2		
[illegible]	[illegible]													
[illegible]	57.1													
[illegible]	57.2													
[illegible]	[illegible]	3.1												
[illegible]	1.1	5.1	4.1	7.1										
[illegible]	200.2	255.4	252.1	246.1	112.2									
[illegible]	168.1	149.2	47.2	30.2	16.1									
[illegible]	210.2	231.1	150.2	22.1	4.1									
[illegible]	[illegible]	172.1	207.2	105.1	212.1	156.4								
[illegible]	[illegible]	133.2	72.4	73.10	33.1	32.2								
[illegible]	2.1													
[illegible]	[illegible]													
[illegible]	[illegible]	245.2												
[illegible]	204.2	5.2	47.2											
[illegible]	2.1	4.1	5.2	2.1	1.3	15.10	7.1	8.3	250.4	21.2	15.11	17.3	20.4	
[illegible]	[illegible]													
[illegible]	[illegible]	4.4	105.1	69.1	95.4	63.1	250.1	153.1						
[illegible]	41.1	63.1	61.2	13.1	143.2									
[illegible]	[illegible]													
[illegible]	7.1	12.1	10.1	4.2	171.1	150.2	120.2	49.2	47.2	30.1	19.1			
[illegible]	5.1	63.1	25.1	91.1	[illegible]									
[illegible]	[illegible]	1.2	31.1	7.1	147.1	150.1								
[illegible]	[illegible]													

[illegible]	4.2	4.6	33.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.2	37.2	36.2
	35.2												
[illegible]	[illegible]	37.2	[illegible]										
[illegible]	42.2	[illegible]											
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	[illegible]	36.2	37.2										
[illegible]	[illegible]	35.2											
[illegible]	[illegible]	[illegible]	237.1	186.1	150.2	119.2	40.5	33.2	37.2	33.4	275.1	243.3	238.1
[illegible]	[illegible]	3.5	1.3	235.1	195.3	192.2	181.2	171.[illegible]	169.1	161.1	159.2	150.6	145.1
	137.[illegible]	[illegible]	130.2	[illegible]	[illegible]	46.1	[illegible]	225.1	215.1	610.2	250.1	243.2	
[illegible]	344.2	36.4											
[illegible]	[illegible]	274.2	273.2	[illegible]	[illegible]	[illegible]	[illegible]	203.2	203.2	207.2	206.2	205.2	202.2
	200.2	195.2	189.2	186.2	184.2	183.2	182.2	181.2	180.2	179.2	174.2	172.2	179.2
	176.2	[illegible]	274.2	[illegible]	269.2	268.2	267.2	267.2	265.2	264.2	263.2	255.2	256.2
	250.2	240.2	243.2	245.2	230.6	237.2	235.2	234.2	233.2	232.2	231.2	230.2	229.2
	228.2	227.2	226.2	225.2	224.2	223.2	222.2	221.2	215.2	214.2	171.2	170.2	169.2
	156.2	77.2	165.3	67.2	157.2	152.2	163.2	55.2	153.2	155.2	150.2	150.4	148.2
	147.2	139.2	142.4	143.4	140.2	140.2	141.2	143.2	142.2	141.4	139.4	137.4	135.4
	135.4	134.4	133.4	132.2	131.4	132.4	133.4	128.4	127.4	125.4	124.4	123.4	121.4
	120.4	117.4	105.4	103.4	104.4	112.4	100.4	98.4	97.4	94.4	90.2	89.2	83.2
	87.2	86.2	85.2	84.2	83.2	82.2	81.2	80.2	79.2	78.2	77.2	76.2	75.2
	74.2	71.2	72.2	71.2	70.2	69.2	68.2	67.2	66.2	65.2	64.2	62.2	61.2
	60.2	59.2	56.10	55.2	54.2	53.2	52.5	51.5	50.2	49.5	47.2	46.4	44.2
	43.5	41.3	41.2	40.5	39.2	[illegible]	37.4	36.5	35.5	34.4	33.5	32.3	31.6
	30.4	29.5	28.4	27.3	26.4	25.5	23.5	23.4	22.4	21.4	20.4	19.4	18.4
	17.[illegible]	16.7	15.2	14.5	13.5	12.5	11.4	10.5	9.4	8.5	7.10	6.5	5.5
	4.[illegible]	3.2											
[illegible]	2.1												
[illegible]	30.2												
[illegible]	3.1												
[illegible]	7.[illegible]												
[illegible]	44.[illegible]	[illegible]											
[illegible]	2.1												
[illegible]	6.1	25.2	24.2										
[illegible]	2.1												
[illegible]	35.[illegible]												
[illegible]	[illegible]	54.[illegible]	7.[illegible]	14.									
[illegible]	243.1	242.4	149.1	31.2	22.2	7.2	2.3						
[illegible]	44.6	15.2	3.6	146.1	135.4	130.2	83.2	243.2	[illegible]	230.2	225.1	152.2	
[illegible]	20.2	16.2											
[illegible]	22.1												
[illegible]	58.1												
[illegible]	[illegible].2	5.1											
[illegible]	45.2	44.14											
[illegible]	18.1												
[illegible]	3.2												
[illegible]	4.[illegible]	4.2	36.4	7.1	3.5								
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	[illegible].4	173.2	150.9	115.1	176.4	175.5	174.7						

22

[illegible]	2.1	44.1	30.4	5.1									
[illegible]	54.2	34.2											
[illegible]	156.1												
[illegible]	[illegible]	151.[illegible]	146.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	166.4	165.[illegible]	164.2	58.2	56.1
	3.1	25.6	25.2	25.2	20.4	17.1	15.3	10.[illegible]	7.1				
[illegible]	[illegible]	30.[illegible]	[illegible]	140.1									
[illegible]	[illegible]	20.2	20.2	19.1	142.1	144.1							
[illegible]	[illegible]	14.2											
[illegible]	[illegible]												
[illegible]	3.1.2	19[illegible].2	107.2	[illegible].6.2	103.2	134.2	43.2						
[illegible]	[illegible]	27.2	7.1										
[illegible]	[illegible]	121.4	121.2	56.1	54.1	41.2	37.4	34.4	33.4	34.4	33.4	32.2	28.2
	15.1	13.2											
[illegible]	[illegible]	7.[illegible]	6.2										
[illegible]	[illegible]												
[illegible]	15.3	8.1	7.5	6.4	5.1								
[illegible]	30.2	14.1											
[illegible]	1.1	9.1											
[illegible]	[illegible]												
[illegible]	5.1												
[illegible]	2[illegible].2												
[illegible]	[illegible]												
[illegible]	4.1	2.2											
[illegible]	47[illegible].2	24[illegible].2	22.2	6.1									
[illegible]	6[illegible].1												
[illegible]	15[illegible].5	77.4	76.7	75.5									
[illegible]	[illegible]												
[illegible]	28[illegible].4												
[illegible]	216.1	225.3	191.3	174.1	59.1	150.11	145.1	144.4	143.7	51.4	47.2	46.2	142.5
	141.21	144.7	132.2	117.2	129.2	126.10	122.2	115.2	95.1	69.1	59.1		
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	[illegible]	174.[illegible]	150.2										
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	4.1	2.2	46.1	21.1	50.1	47.1	44.1	41.1	53.1	56.1	54.1	53.1	52.1
	41.1	4.1	3.1	13.1	11.1	10.1	7.1	13.1	35.1	37.1	34.1	35.1	34.1
	[illegible]	27.1	27.1	17.1	16.1	15.1	14.1	6.1	40.1				
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	7.2	4.6	5.4	2.1	1.2	35.1	17.4	14.4	13.2	14.4	13.10	12.2	11.2
	16.1	9.2	8.2	46.2	69.1	48.1	62.1	64.1	57.1	61.1	60.1	58.7	57.2
	56.4	53.2	48.2	72.1	71.1	70.1	102.2	103.2	97.2	107.2	106.2	105.2	104.2
	94.2	90.1	89.1	89.1	76.1	85.2	81.1	77.1	74.1	40.4	39.2	33.1	31.1
	17.1	26.3	24.2	23.2	21.12	45.4	254.1	243.1	265.1	257.1	255.1	250.1	225.1
	245.1	243.7	230.3	225.1	234.1	227.1	231.1	223.1	229.1	229.1	227.1	226.1	219.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	206.1	204.1
	[illegible]	[illegible]	[illegible]	203.1	[illegible]	[illegible]	198.1	199.1	196.1	194.1	192.1	189.2	187.2
	187.1	[illegible]	181.1	147.1	145.1	144.1	142.1	141.1	13.1	[illegible]	170.1	170.1	76.1

	174.1	173.1	171.1	170.1	169.1	165.1	145.1	143.1	140.1	140.1	139.1	136.2	135.2
	134.2	133.2	131.2	129.2	123.2	123.4	123.2	119.2	117.2	115.2	114.2	113.2	111.2
	103.2												
1 PROBABLY	26.1												
1 [illegible]	31.2	19.2	256.1	43.1									
1 [illegible]	67.2	71.1											
1 [illegible]	13.1												
1 [illegible]	..	4..											
1 [illegible]	5.1	7.1	1.1	242.1	5.1	261.1							
1 [illegible]	6[illegible].1	130.3	227.1	157.5	10.1								
1 [illegible]	173.1	21.2											
1 [illegible]	43.1	3.1											
1 [illegible]	..												
1 [illegible]	25.1	15.1											
1 [illegible]	[illegible]	10.1	9..										
1 [illegible]	47.1												
1 [illegible]	12.1												
1 [illegible]	57.1	9.1											
1 [illegible]	5.1												
1 [illegible]	[illegible]	159.1											
1 [illegible]	[illegible]	101.1	17..										
1 [illegible]	3.1	14.1	16.1										
1 [illegible]	..	7..	16.1	159.1	150.6	23.1							
1 [illegible]	32.1	31.2	146.1	127.2									
1 [illegible]	170.1												
1 [illegible]	4.1	4.1											
1 [illegible]	9.2	90.2	606.2	201.1	97.1								
1 [illegible]	5.1												
1 [illegible]	153.4	130.2	59.1										
1 [illegible]	7.1	1.1	15.1	3.1	16.2	56.1	54.2	48.1					
1 [illegible]	19..	19..	36.2	245.1									
1 [illegible]	266.1	172.2	29.2	220.1									
1 [illegible]	.4	11.1											
1 [illegible]	238.1	151.2	95.4										
1 [illegible]	57.1	56.1	41.2	96.2	150.3								
1 [illegible]	1.4	27.1	33.1										
1 [illegible]	4.1												
1 [illegible]	21.5	75..	203.1	117.1	231.2	205.1	174.2	150.6	112.2	110.2	16.1	21.2	109.12
	136.2	114.4	97.4	86.1	72.1	57.2	54.6	47.2					
1 [illegible]	157.2	146.1	141.2										
1 [illegible]	54.1	15.1	53.1	15.4									
1 [illegible]	2.1	10.1	.1										
1 [illegible]	5.1	5.1	130.3	135.1	137.1	14.4	139.2	115.1	47.2	2.2	106.7	107.5	102.2
	101.2	103.4	66.1	58.2									
1 [illegible]	6.1												
1 [illegible]	17.2												
1 [illegible]	52.5												
1 [illegible]	.1	22.1											
1 [illegible]	21.1												
1 [illegible]	.1												
1 [illegible]	.1	4.7	11.1	69.4	10.1	57.2	111.4	110.38	107.39	266.1	150.56	124.4	112.22

		72.7	71.11	273.2	269.9	71.2	43.14	55.7	51.2	104.22	102.30	101.25	100.41	76.5
		75.6	77.4	96.2	91.2	90.1	77.4	106.13	105.7	108.29	107.7	103.5	99.11	97.12
		95.4	93.2											
2	[illegible]	21.2												
2	[illegible]	27.2												
2	[illegible]	43.2												
2	[illegible]	[illegible]												
2	[illegible]	13.4												
3	[illegible]	13.6	600.1	150.2										
3	[illegible]	92.1												
2	[illegible]	1.2	4.2	7.1	6.2	5.4	34.1	13.2	14.2	13.2	12.2	11.2	10.2	9.2
		1.4	1.4	240.1	123.1	24.1	56.2	47.1	44.2	237.1	57.1	58.1	291.1	278.1
		630.1	424.2	235.3	234.1	233.1	69.1	67.1	75.1	70.1	71.1	70.1	66.1	65.1
		61.1	56.1	87.1	81.1	78.1	246.1	264.1	263.1	255.1	249.1	245.1	242.4	252.1
		249.1	277.1	261.1	260.1	89.1	89.1	87.1	97.2	94.2	90.1	100.1	99.2	203.1
		199.1	190.1	197.1	186.1	186.1	181.1	180.1	181.1	179.1	162.1	174.1	172.1	171.1
		163.1	170.1	166.1	166.1	165.1	233.1	233.1	229.1	228.1	227.1	226.1	225.1	224.1
		223.1	227.1	215.1	214.1	213.1	212.1	211.1	210.1	209.1	208.1	207.1	205.1	204.1
		202.1	195.1	118.2	10.2	119.1	129.2	123.2	105.2	104.2	122.2	117.2	115.2	114.2
		113.2	113.2	108.2	107.2	106.2	161.1	159.1	158.1	151.2	157.1	155.1	150.9	148.1
		147.1	142.1	142.2	139.2	137.2	135.2	134.2	130.1					
3	[illegible]	7.1												
2	[illegible]	150.7	215.2	203.1	185.1									
2	[illegible]	5.6	7.4	81.1	79.1	61.1	243.2	226.2	204.1	202.1	165.2	152.1	129.2	
2	[illegible]	2.1	5.2	43.4	42.4	35.5	18.2	42.1	35.9	38.2	36.6			
2	[illegible]	13.1	11.4	11.1	63.2	162.4	180.1	165.1	154.1	157.3	90.3	150.5	93.2	92.1
		91.1												
2	[illegible]	11.1												
2	[illegible]	110.1	450.3	129.2	91.1	1.1								
2	[illegible]	161.1												
2	[illegible]	2.2	1.1	33.2	5.1	165.1	137.1	95.2	40.9	37.3	21.4	15.1	14.3	203.1
		241.1	243.2	221.1	215.1	231.1	257.1							
2	[illegible]	91.2												
3	[illegible]	6.1	7.1	140.1	140.2	11.2	10.1							
2	[illegible]	153.2	150.4	125.2	123.2	39.1	233.2	229.2						
2	[illegible]	1.2												
2	[illegible]	172.1	40.2											
2	[illegible]	7.2	1.1	150.13	140.1	120.2	215.1	171.2	160.2	163.2	241.3	236.1	230.1	228.2
		115.1	51.4	47.2	10.1	123.2	110.2	37.2	36.2					
2	[illegible]	5.1												
2	[illegible]	5.4												
2	[illegible]	2.1												
2	[illegible]	1.2	30.2	38.2	31.2	40.2								
2	[illegible]	1.1												
	[illegible]	47.1												
2	[illegible]	141.2	59.1	150.1										
2	[illegible]	46.2	137.2	150.9	138.4	162.1	139.2	155.2	600.6	134.1	183.2	162.1	56.3	117.2
		115.4	58.1											
	[illegible]	61.1												
2	[illegible]	4.1	13.1	4.2	47.1	34.1	54.1	48.2	220.2	150.5	91.3	66.1	201.2	
2	[illegible]	1.2	51.2											

[illegible]	64.1	246.1	255.6	252.1									
[illegible]	277.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	603.2	[illegible]	160.2	[illegible]	112.2		
[illegible]	[illegible]	97.2	[illegible]	74.6	[illegible]	[illegible]	[illegible]	75.1	75.4	[illegible]	150.13	93.2	160.1
[illegible]	[illegible]	23.1	220.2	[illegible]									
[illegible]	[illegible]	[illegible]	127.2	31.2	155.1	154.3	152.2	420.5	264.2	193.2	175.8	171.1	159.2
257.1													
[illegible]	[illegible]												
[illegible]	62.1												
[illegible]	37.2	31.4	38.2	40.1									
[illegible]	[illegible]	[illegible]	2.1	31.2	35.2	34.2	37.2						
[illegible]	[illegible]	14.2	6.1	[illegible]	56.1	55.1	27.2	24.2					
[illegible]	[illegible]	[illegible]	23.1	[illegible]									
[illegible]	[illegible]	273.1	371.1										
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	15.4												
[illegible]	[illegible]	[illegible]	88.1										
[illegible]	70.1												
[illegible]	[illegible]												
[illegible]	34.2												
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	144.1	54.1	44.1	40.1	35.1	5.5							
[illegible]	23.1												
[illegible]	[illegible]	[illegible]	6.1	271.2	267.2								
[illegible]	75.1	247.2											
[illegible]	[illegible]	[illegible]	27.3										
[illegible]	51.2	129.1	266.2										
[illegible]	267.2												
[illegible]	267.1												
[illegible]	[illegible]	36.1	15.2	270.1	266.2	229.1	210.1						
[illegible]	27[illegible]												
[illegible]	5.1	3.1	1.4	56.1	14.2	7.2	43.2	43.2	38.2	[illegible]	27.2	20.2	16.1
59.1	57.2	243.1	212.1	202.1	252.1								
[illegible]	[illegible]												
[illegible]	43.2	14.2											
[illegible]	[illegible]	5.1											
[illegible]	55.1	56.2											
[illegible]	[illegible]												
[illegible]	[illegible]	56.2	55.1	55.1	54.1								
[illegible]	125.2	241.2	242.1										
[illegible]	[illegible]	[illegible]	[illegible]	15.1	30.6	202.4	12.1	5.7	7.2				
[illegible]	31.1												
[illegible]	[illegible]	54.1	46.2	[illegible]	[illegible]	[illegible]	6.1	4.1	[illegible]	150.1			
[illegible]	[illegible]	[illegible]	[illegible]	30.3	33.3	51.18	36.1	33.4	42.2	44.4	84.5	80.7	76.6
73.6	191.2	190.2	139.2	187.2	178.3	177.3	175.6	[illegible]	[illegible]	126.3	125.4	124.4
134.1	[illegible]	192.3	195.1	195.3	217.2	210.5	204.1	224.1	219.1	219.1	251.1	250.1
240.1	241.5	257.1	215.2	241.3	242.2	[illegible]	240.1						
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7.1	[illegible]	37.2	[illegible]	[illegible]	241.1	241.2	149.1	[illegible]	[illegible]	259.2	263.1	256.1

	255.1												
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[illegible]	330.2	186.1											
[illegible]	157.1												
[illegible]	100.4	102.2											
[illegible]	55.1												
[illegible]	91.1												
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[illegible]	16.1												
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[illegible]	42.4	43.1											
[illegible]	45.1	44.7											
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[illegible]	37.2	36.2	35.2	34.2	33.2	5.1	276.1	57.1					
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	1.2	19.6	10.5	2.7	21.2	27.2	41.2	37.6	36.6				
[illegible]	16.1	7.1	27.2	26.2	21.2	20.2	17.1	156.1	59.1	37.4	36.4	28.1	35.2
	14.1	33.4	32.2										
[illegible]	50.2												
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[illegible]	100.1	181.1											
[illegible]	51.1	5.1											
[illegible]	73.1												
[illegible]	274.1												
[illegible]	47.3	44.1	53.3	52.2	49.6	46.7	274.9	150.9					
[illegible]	31.7												
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[illegible]	1.1	3.2	3.1										
[illegible]	13.2												
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[illegible]	20.4	20.1	154.2										
[illegible]	47.1	[illegible]	11.2	4.2	42.1	42.1	33.1	37.1	49.1	6.1	7.1	50.2	53.1
	55.1	100.2	56.1	6.1	5.10	424.1							
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	162.1	150.10											
[illegible]	51.1	150.1											
[illegible]	52.1	51.1	49.1	47.1									
[illegible]	271.7	271.4											
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[illegible]	48.1												
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[illegible]	1.1	41.2	24.2	19.2	2.1								

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                         MCD WORD LIST BY PAGE                                   DATE 80176 1603 PAGE 28

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[illegible]              67.   [illegible]
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                   15[illegible]   [illegible].5   [illegible]4.5   [illegible]51.4   [illegible]   149.3   1[illegible]   12[illegible].2   127.2   12[illegible]   147.1   1[illegible]0.4   139.2
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[illegible]              [illegible].3   24[illegible].2   [illegible]   [illegible]   [illegible]   [illegible]5.[illegible]   278.1   2[illegible].2   [illegible]   5[illegible].2   57.2   246.[illegible]
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[illegible]              7.[illegible]   5[illegible].2
[illegible]              246.[illegible]
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[illegible]              [illegible].2   [illegible]
[illegible]              [illegible]   7.1
[illegible]              [illegible].3   [illegible]   [illegible]   [illegible]   [illegible]   [illegible]
[illegible]              [illegible]
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[illegible]	266.1												
[illegible]	[illegible]	91.2											
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[illegible]	1[illegible].4	121.2	123.2	139.2	35.2	24.2	37.2	37.2	31.2	39.2	28.2	26.2	25.2
	34.	33.2	27.2	[illegible]	[illegible]	[illegible]	43.2	40.2	33.	37.2	6[illegible].2	51.2	25.1
	[illegible]	17.2	15.5	12.2	7.2	[illegible]	2.1	1.4	[illegible]	251.2	242.2	194.1	235.1
	234.	232.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	159.
[illegible]	[illegible]	[illegible]	3.										
[illegible]	[illegible]	267.1	224.1										
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[illegible]	[illegible]												
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[illegible]	[illegible]												
[illegible]	267.2												
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[illegible]	[illegible]	37.1	48.1										
[illegible]	[illegible]												
[illegible]	[illegible]												
[illegible]	66.1												
[illegible]	73.6	74.6											
[illegible]	142.1												
[illegible]	6[illegible].3	125.6	138.2	264.2	228.4	183.2	150.31	10.1	2.1	39.2	97.2	91.2	93.2
	59.	[illegible]											
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[illegible]	[illegible]	[illegible]	267.1										
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[illegible]	[illegible]	149.											
[illegible]	[illegible]												
[illegible]	7.1	[illegible]											
[illegible]	54.1	[illegible]	55.1										
[illegible]	33.1	274.2	22.1	2.2.1	162.1								
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[illegible]	[illegible]	244.1	244.1	13.2									
[illegible]	6[illegible]	[illegible]	174.2	272.2	271.1	271.1	272.1	265.1	242.2	232.1	150.1		
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	246.	272.2	221.1	2.6.1	27.3								
[illegible]	[illegible]	[illegible]											
[illegible]	273.1												
[illegible]	[illegible]	[illegible]	50.1	[illegible]	[illegible]	257.1							
[illegible]	[illegible]	[illegible]	47.	[illegible]	67.1								
[illegible]	[illegible]	[illegible]											

[illegible]	[illegible]												
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	243.[illegible]	150.7	224.1	187.1	160.1	58.1	13.2	7.[illegible]	16.2	2.1			
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[illegible]	[illegible]	27.2											
[illegible]	[illegible]												
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	25.2	34.2	137.2	55.[illegible]	160.[illegible]								
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	56.[illegible]	[illegible]	147.[illegible]	56.[illegible]	[illegible]	5.[illegible]	4.[illegible]	7.5	156.[illegible]	157.1	159.1	9.2	8.3
	10.1	256.1	247.[illegible]	67.[illegible]	75.[illegible]	45.[illegible]	47.[illegible]	77.[illegible]	53.1	57.2	58.[illegible]	56.3	215.[illegible]
	204.[illegible]	273.[illegible]	84.1	73.1	224.[illegible]	223.[illegible]	221.[illegible]	[illegible]	[illegible]	74.1	171.[illegible]	170.[illegible]	169.1
	166.1	164.1	165.1	161.1	167.2	169.1	195.1	204.1	190.2	177.2	178.1	176.1	175.1
	174.[illegible]	173.1	151.[illegible]	155.[illegible]	221.[illegible]	175.1	197.[illegible]	176.[illegible]	[illegible]	19.2	18.[illegible]	16.[illegible]	15.[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.1	76.1	250.4
	246.4	247.2	103.1	71.1	[illegible]	73.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28.2
	27.2	26.2	46.[illegible]	43.[illegible]	45.[illegible]	42.[illegible]	41.6	47.[illegible]	630.[illegible]	273.4	277.4	271.4	102.[illegible]
	230.1	199.1	54.2	139.2	147.1	165.1	134.2	163.2	182.2	82.1	181.1	108.2	107.2
	[illegible]	129.2	123.2	150.3	150.2	113.2	117.2	[illegible]	[illegible]	112.2	111.2	115.[illegible]	245.2
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	64.2	237.1	237.1	250.[illegible]	226.[illegible]	229.[illegible]	228.2	227.[illegible]	215.[illegible]	211.1	211.[illegible]	210.1	200.1
	63.[illegible]	56.[illegible]	141.[illegible]	14.[illegible]	4.[illegible]	10.4	117.1	16.2	15.2	134.2	133.2	131.2	105.2
	104.1	107.2	1[illegible].2	55.2	57.2	132.2							
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	62.[illegible]	55.1	55.2	51.2	264.[illegible]	256.1	43.2	30.4	27.2	19.2	16.2	15.2	14.3
	[illegible]	7.6	1[illegible]	1[illegible]	4[illegible].1	48.2							
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	48.[illegible]	47.[illegible]	44.[illegible]	1[illegible]	17.[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]	15.1	14.[illegible]	13.[illegible]	43.[illegible]
	37.1	37.1	36.1	35.1	14.1	35.1	1.2	5.1	7.1	5.[illegible]	5.1	4.[illegible]	
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	27.3	26.5	261.1	260.2	256.1	250.2	150.1	140.2	42.2	41.2	40.2	39.2	33.3
	27.4												
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	26.1	25.4	24.1	22.2	21.1	20.2	19.3	18.2	16.4	15.1	14.2	13.1	12.2
	630.[illegible]	274.[illegible]	273.1	271.[illegible]	27.[illegible]	270.[illegible]	269.[illegible]	269.1	267.1	266.1	264.1	263.1	256.1
	255.1	251.1	249.1	243.1	241.4	238.3	237.1	237.1	233.1	225.1	228.1	226.1	225.1
	224.[illegible]	221.1	221.1	215.1	210.[illegible]	209.[illegible]	209.[illegible]	207.[illegible]	206.[illegible]	205.[illegible]	200.[illegible]	198.1	136.[illegible]
	193.1	179.1	170.1	175.1	174.1	171.1	169.1	168.[illegible]	175.1	163.1	163.1	160.1	159.1
	157.[illegible]	151.1	150.47	140.1	146.1	145.1	141.1	137.1	135.1	133.1	130.1	130.1	130.1
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	1.1	2.2											
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	17.1												
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	259.1	243.2											
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	13.2												
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[illegible]	[illegible]												
[illegible]	[illegible].1												
[illegible]	[illegible].1	167.2	185.1	86.1	131.4	95.2	104.2	102.8	[illegible]	161.1	6[illegible].[illegible]	157.1	50.[illegible]7
	111.2	11[illegible].4	51.1	47.[illegible]	48.2	47.1	44.2	33.2	31.2	25.1	7.2	65.1	
	59.1	54.[illegible]	52.2	56.1	2[illegible].2	6[illegible].6	27[illegible].1	1[illegible].1	22[illegible].1	22[illegible].1	20[illegible].1		
[illegible]	[illegible]	7.1											
[illegible]	3.1	32.1											
[illegible]	1.1	54.1	15.1	277.1									
[illegible]	4[illegible].1	150.2	58.1										
[illegible]	2.[illegible]	1.2	56.2	19.2									
[illegible]	[illegible]												
[illegible]	3.1												
[illegible]	4.2												
[illegible]	35.1												
[illegible]	1.1												
[illegible]	35.1												
[illegible]	73.1												
[illegible]	45.3	600.2	46.1	47.2	45.1	43.1	42.1	16.2	15.2	14.2	13.2	8.2	2.1
[illegible]	25[illegible].2	18.2	7.1	2.2									
[illegible]	2.1												
[illegible]	1.1	46.2	37.2	36.2	35.2	34.2	33.2	31.4	1[illegible].2				
[illegible]	71.1	49.1	110.2	82.1	7.2								
[illegible]	4[illegible].2												
[illegible]	167.1	600.[illegible]											
[illegible]	1[illegible].												
[illegible]	25[illegible].2												
[illegible]	72.2												
[illegible]	4[illegible].4												
[illegible]	[illegible]	3[illegible].	3[illegible].2	3[illegible]	4.1	37.[illegible]	36.1	35.1	34.1	3.1	7.2	6.1	54.1
	4[illegible].	3[illegible].	4[illegible].1	77.[illegible]	4[illegible].[illegible]	4[illegible].[illegible]	4[illegible].[illegible]	4[illegible].2	5[illegible].1	3[illegible].1	5[illegible].[illegible]	5[illegible].[illegible]	23[illegible].1

	163.1	50.1	56.1	37.1	17.1	26.1	15.1	13.1	12.1	10.1	8.2	14.1	
MOTTLEY	29.1	27.3	19.2	33.2	33.1	33.1	25.1	24.1	2.2	6.1	5.1	4.1	13.1
	26.1	8.1	7.2	3.2	17.1	1.1	264.	50.	54.	47.1	50.1	49.3	51.1
	45.1	35.1	37.1	54.1	51.1	51.1	44.1	43.1	42.1	41.1	36.1	55.1	
[illegible]	1.2												
[illegible]	1.1												
[illegible]	16.2												
[illegible]	11.4	4.1	4.2	5.									
[illegible]	3.1												
[illegible]	4.	54.0	30.2	20.2	150.1	67.4	56.4						
[illegible]	1.4	1.2	1.2										
[illegible]	7.4	24.1	9.4	9.4	100.2	42.2	31.2	37.1	25.3				
[illegible]	24.	1.2	16.2	1.1	27.1								
[illegible]	.1	18.2	16.1	7.1									
[illegible]	1.2												
[illegible]	17.												
[illegible]	3.1												
[illegible]	34.2												
[illegible]	31.2	11.1	150.2										
[illegible]	3.2												
[illegible]	13.3												
[illegible]	47.2												
[illegible]	75.1												
[illegible]	27.2												
[illegible]	7.1												
[illegible]	18.	90.1	31.1	21.1	35.1	267.	264.1	164.1	153.12				
[illegible]	4.1												
[illegible]	46.1												
[illegible]	33.1												
[illegible]	243.	65.1											
[illegible]	1.1												
[illegible]	19.2	17.	2.1	13.1	21.1								
[illegible]	133.	14.	1.1										
[illegible]	5.1												
[illegible]	245.												
[illegible]	1.1												
[illegible]	34.												
[illegible]	1.	11.	39.4	63.	62.1								
[illegible]	2.4	11.1	1.2	7.2	76.1	150.4	145.1	149.1	203.1	171.1	72.1	71.1	62.1
	135.1	35.1											
[illegible]	1.1	60.1	153.7	17.2	238.1								
[illegible]	5.1	7.1	224.1	115.2	124.1	268.1							
[illegible]	73.												
[illegible]	11.4												

APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.
(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

A.	Declarative	statement
B.	Interrogative	question 1. wh- questions 2. tag questions 3. yes/no questions
C.	Imperative	command, polite request
D.	Exclamatory	exclamation

Sentence Complexity:

A.	Simple	one full subject and predicate
B.	Compound	two or more independent clauses joined by: 1. punctuation 2. punctuation and conjunctive adverb 3. coordinate conjunction
C.	Complex	one or more dependent clauses and an independent clause
D.	Compound-Complex	two or more independent clauses and one or more dependent clauses

Verbs:

A.	Concord	subject-verb agreement
B.	Transitive	takes an object
C.	Intransitive	doesn't take an object
D.	Copula	to be
E.	Linking	connectors
F.	Auxiliaries of tense	will, do, did
G.	Auxiliaries of modality	should, ought to, must to, have to, have got to, able to, can, may, might, could, would
H.	Tense	present, past
I.	Aspect	perfect, progressive

Verbal Forms:

A.	Present Participle	active voice
B.	Past Participle	passive voice

Voice:

A.	Active	subject does action
B.	Passive 1. agent expressed 2. agent not expressed	subject does not do action

Nouns:

A.	Singular	man, pen
B.	Plural	men, pens
C.	Count	chairs
D.	Mass	flour
E.	Possessive	soldier's
F.	Collective	fish

Adjectives:

A.	Predicative	The tank is green.
B.	Attributive	The green tank is moving.
C.	Degrees of comparison	
	1. regular	big, bigger
	2. irregular	worse, worst
D.	Ordinal/Cardinal Numbers	first, one

Adverbs:

A.	Time/Frequency	immediately, today, ago
B.	Place/Position	here, there, everywhere
C.	Manner	maybe, possibly
D.	Negative	no, never
E.	Comparison of	nearest, harder
F.	Degree	thoroughly, completely

Articles:

A.	Definite	a, the
B.	Indefinite	any, some

Pronouns:

A.	Personal	you
B.	Demonstrative	that
C.	Indefinite	anybody, both, each
D.	Reflexive	himself, yourself
E.	Cases of	I, me, my, mine
F.	Relative	who, whom, whose
G.	Interrogative	who, which, what

Conjunctions:

A.	Coordinating	and, but, or, nor
B.	Subordinating	because, if, as, that, after
C.	Correlative	either, or
D.	Conjunctive adverb	therefore, furthermore

Prepositions:

A. Simple	
1. place	on, in
2. time	in, at, on
3. direction/motion	to
4. manner/agent/ instrument	by, with
5. measurement/ number amount	of
B. Compound:	according to, because of, by means
Vocabulary:	words from 1100 through 2400 - Elementary and Intermediate Phase of General English materials
Special Expressions/Idioms	"knock it off" "can it, buddy"
Verb Combinations	two word verbs